



No. \_\_\_\_\_



GIVEN BY

MASS. SECRETARY OF THE COMMONWEALTH











# The Commonwealth of Massachusetts

OFFICE OF THE SECRETARY

DIVISION OF VITAL STATISTICS

## ANNUAL REPORT

ON THE

# VITAL STATISTICS OF MASSACHUSETTS

BIRTHS, MARRIAGES, DIVORCES, AND DEATHS

FOR THE YEAR ENDING DECEMBER 31, 1919

PREPARED BY

THE SECRETARY OF THE COMMONWEALTH



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# LETTER OF SUBMITTAL

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## LETTER OF SUBMITTAL.

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THE COMMONWEALTH OF MASSACHUSETTS,  
OFFICE OF THE SECRETARY, BOSTON, Jan. 15, 1921.

*To the Honorable Senate and House of Representatives.*

I have the honor to submit herewith, as required by law, the seventy-eighth annual report on statistics of births, marriages, divorces and deaths in Massachusetts, for the calendar year 1919: The statistical tables in this report were prepared in the Division of Vital Statistics, under the direction of Agnes E. Kimball, chief clerk of the division. The editorial review and the method of presentation of the statistical data were prepared by Harold D. Wilson, who was appointed State Registrar of Vital Statistics on May 15, 1919. The exhibition of tabular results is restricted to such as are plainly of practical utility within the meaning of the statute by authority of which the tables are prepared.

Respectfully submitted,

ALBERT P. LANGTRY,  
*Secretary of the Commonwealth.*



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EDITORIAL REVIEW

OF THE

VITAL STATISTICS OF MASSACHUSETTS

1919

BY

HAROLD D. WILSON

STATE REGISTRAR OF VITAL STATISTICS

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I

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BIRTH STATISTICS

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# I.

## BIRTH STATISTICS.

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### INTRODUCTION.

*Birth Registration.* — The registration of births presents greater difficulties than that of either marriages or deaths, and no State or city claims 100 per cent birth registration; but the results in Massachusetts on the whole are quite satisfactory, and generally considered to be far above the average.

It is interesting to know that from 1841 to 1919, inclusive, 4,081,063 births have been reported and tabulated in this Commonwealth.

These records are not only on file in the cities and towns in which they occurred, but also at the State House, where they are easily accessible, being indexed in alphabetical lists of five-year periods.

Physicians and midwives are required to report all births coming under their care, but unfortunately there are many instances where no professional attendance is employed and no certificate of birth is returned. This discrepancy, in a measure, is covered by the law requiring all parents to make a proper return of births, and by the

<sup>1</sup> For a list of the tables on birth statistics, see page iii.

law requiring each city and town clerk in Massachusetts annually in January to ascertain the facts required for record relative to all children born during the preceding year and resident in their city or town.

These returns are checked with those already on file, and copies of births occurring elsewhere, the parents having moved during the year, are forthwith sent to the place of birth.

This annual canvass has proved an important factor in checking up those delinquent in the reporting of births.

Since the establishment of the office of State Registrar of Vital Statistics, by act of the 1918 Legislature, a systematic campaign has been carried on to obtain prompt and absolute compliance with the birth registration laws.

Complete and authentic birth records are of the utmost importance in all questions relating to heredity, property rights, identity, etc. No child labor law is of value unless it rests on a system of birth registration, by which the child and the parent can be required to produce positive proof of the age of the child. Laws cannot be enforced where the question of age depends on the statement of interested parties rather than on official records.

The registration of births is intended to serve three purposes: (1) to identify the child and to establish its age and parentage; (2) to enable the community to guard the newly born baby against blindness and those diseases which carry off so many babies in the first year of life and leave so many crippled, maimed, and deformed; and (3) to furnish statistical data.

*Source of Data.* — The birth statistics presented in this report are compiled from the certified copies of the records of births recorded in each city and town and transmitted annually to the Secretary of the Commonwealth. The original information from which birth statistics are derived is obtained from physicians, midwives, superintendents of hospitals and institutions, parents, householders, and birth canvassers.

The majority of such records are secured from physicians, who are required by law to keep a record of the birth of every child in cases of which they were in charge, and, within fifteen days after the birth, mail or deliver to the clerk of the city or town in which the birth occurred a copy of this record, which shall contain the date and place, the name, if any, of the child, its sex and color,

and the names, ages, places of birth, occupations and residence of the parents, giving the street name if there be any, and the number of the ward in a city, the maiden name of the mother, and whether or not the physician or midwife signing the birth return personally attended the birth.

*Additions and Corrections.* — In spite of every precaution errors are found in birth returns, due to the inability of attending physicians to obtain proper data from the parents, carelessness on the part of parents or physicians in supplying correct information, and, in some instances, failure on the part of those responsible for birth registration to make any return.

In order to protect the innocent party (the child) in this failure to make a satisfactory birth record, the Commonwealth has wisely provided a method for the correcting of existing records and for the filing of delayed returns.

The law in question, section 13, chapter 46, General Laws, reads as follows: —

If the record relating to a birth, marriage or death does not contain all the required facts, or if it is claimed that the facts are not correctly stated therein, the town clerk shall receive an affidavit containing the facts required for record, if made by a person required by law to furnish the information for the original record, or, at the discretion of the town clerk, by credible persons having knowledge of the case. He shall file such affidavit and record it in a separate book kept therefor, with the name and residence of the deponent and the date of such record, and shall thereupon draw a line through the incorrect statements without erasing them, shall enter upon the original record the facts required to amend the record and forthwith, if a copy of the record has been sent to the state secretary, shall forward to him a certified copy of the corrected record upon blanks to be provided by him and he shall thereupon amend the record in his office and state in the margin thereof his authority therefor. Reference to the record of the affidavit shall be made by the clerk on the margin of the original record. If the clerk furnishes a copy of such record, he shall certify to the facts contained therein as amended, and shall state that the certificate is issued under this section, a copy of which shall be printed on every such certificate. Such affidavit, or a certified copy of the record of any other town or of a written statement made at the time by any person since deceased required by law to furnish evidence thereof, may, in the discretion of the clerk, be made the basis for the record of a birth, marriage or death not previously recorded, and such copy of record may also be made the basis for completing the record of a birth, marriage or death not containing all the required facts.

Deposition blanks have been prepared for the amending of existing records or for delayed returns, and many such corrections and additions are filed each year. These are bound in separate volumes, and indexed to show that they are additions and corrections to births, made in compliance with section 13, chapter 46, General Laws.

It has always been the policy of this office to favor acceptance of proper birth depositions furnished by responsible persons on the ground that the person with an incomplete birth record is in no way responsible for the discrepancy.

The annual canvass is an important factor in eliminating errors from physicians' returns of births, and many cities and towns in Massachusetts are guarding against such errors by sending an exact copy of the physician's return to the parents for their approval; and when the certificate is returned properly signed by a parent, it is filed with the physician's certificate. Birth records authenticated by the signature of a parent, of course are not subject to change by deposition at some later date.

As previously stated, many cities and towns have already adopted this follow-up system, and an attempt is being made to institute this method throughout Massachusetts.

*Live Births.* — In the Commonwealth in 1919 there were 87,827 live births, a decrease of 7,780, or 8.1 per cent, as compared with the number registered in 1918. There was a decrease in 1919 of 4,225, or 9.7 per cent, in the number of babies born to foreign-born parents. The number of babies born to native parents show a decrease of 2,618, or 7.3 per cent, as compared with 1918, while the births among the mixed parents, namely, one parent native, the other foreign-born, decreased by 920, or 5.7 per cent.

*Birth Rate.* — In proportion to the total population, the total live births were equivalent to a rate of 22.9 per 1,000 population. This was 1.6 per 1,000 lower than that recorded in 1918, and 2.1 per 1,000 below the average for the last five years.

*Changes in Birth Rate.* — The birth rate for the Commonwealth attained the highest point on record, 30.2, in the year 1857. Since then the rate, although fluctuating considerably, has shown a considerable decline, notwithstanding an improvement in the registration. Although the birth rate has been smaller in recent years, the infant death rate has also declined, so that the number of babies



who survive the dangers of infancy is becoming steadily greater. This fact is strikingly shown in the infant mortality tables. A comparison of these tables with the birth rate shown in Table 6 shows that while the birth rate per 1,000 population declined from 28.1 in 1851 to 22.9 in 1919, the number of babies per 1,000 born alive who reached their first birthday increased from 867 in 1851 to 912 in 1919. Thus the decline in the birth rate during this sixty-nine year period has been neutralized to a considerable extent by the conservation of infant life in recent years.

*Stillbirths.* — Stillbirths registered in 1919 numbered 3,092, a decrease of 687, or 18.2 per cent, as compared with 1918. The rate per 1,000 live births was 35.2 in 1919, 39.5 in 1918, 34.7 in 1917, and 35.3 in 1916.

*Birth Rates, Principal Cities.* — The seven municipalities having 25,000 inhabitants or more showing the highest birth rates in 1919 are: Chelsea, 31.5; Chicopee, 28.8; Fall River, 28.3; New Bedford, 28.2; Lowell, 27.3; Fitchburg, 26.3; and Holyoke, 26.3.

The city of Fall River has the largest birth rate (28.3) of any place in the State of over 100,000 population. High birth rates, however, do not necessarily indicate satisfactory increases in population, since high rates of infant and childhood mortality may nullify the effects of high birth rates.

Variations in the birth rates of different communities may be partially accounted for by differences in the proportions of married women of child-bearing age residing therein, and by the presence of hospitals to which expectant mothers go from neighboring cities and towns in order to take advantage of the best medical advice and obstetrical care during pregnancy and childbirth.

*Sex Proportions at Birth.* — It has never been determined whether or not the higher proportion of masculine than of feminine births is the result of definite causes or not. The fact remains that this phenomenon is invariably true. Births of males in 1919 numbered 44,713 and those of females 43,113, corresponding to a ratio of 1,037 male births to 1,000 female births.

Among the stillborn, the ratio in 1919 was 1,314 males per 1,000 females. Since 1851 the extreme range of masculinity has been from 1,842 males per 1,000 females in 1857 to 1,171 males per 1,000 females in 1901.

*Nativity of Parents.* — The number of births where both parents

were foreign-born (39,194) exceeded the number of births where both parents were native (33,295) by 5,899, or 17.7 per cent, in 1919, as compared with 7,506, or 20.9 per cent, in 1918. Children born of mixed parents (one parent native and one parent foreign-born) numbered 15,302 in 1919, as compared with 16,222 in 1918.

The proportion of children born of native parents declined from 1890 until about 1910, since when the proportion has steadily increased. In 1919 the proportion was 37.9 per cent.

The proportion of children born of parents one of whom was native and the other foreign-born was 17.4 in 1919, as compared with 17 in 1918. The number of children born of parents whose nativity was not reported on the birth certificate was only 36 in 1919, the lowest number for any year since the first compilation of birth statistics.

*Plural Births.* — In 1919 there were 993 plural births, 986 pairs of twins, and 7 cases of triplets, or 11 pairs of twins per 1,000 live births, and 8 cases of triplets per 100,000 live births.

*Natural Increase.* — The excess of the birth rate over the death rate shows the ratio at which the community is reproducing itself by natural increases. In every year since the compilation of birth statistics was started the birth rate has been higher than the death rate.

In 1919 the natural increase amounted to 9.3 per 1,000 population, as compared with 4.3 in 1918, and an average of 10.5 for the five years 1913 to 1917. Comparisons of the natural increase from 1851 to 1919 cannot be made with absolute accuracy from the data shown in Table 6 on account of the defective birth registration in the earlier years. The figures presented in this table indicate a considerable fluctuation in the natural increase, the lowest rate being 1.4, in 1864, and the highest, 12, in 1857 and 1859.

Notwithstanding the decline in the birth rate in recent years, the number of births is greatly in excess of the number of deaths, and this fact, coupled with the steady decrease in infant mortality, has resulted in a net gain in the natural increase in population. The excess of births over deaths amounts to 67.8 per cent in 1919, as compared with 21.3 per cent in 1918, 69.1 per cent in 1917, 65.9 per cent in 1916, and 43 per cent in 1915. Since 1881 the natural increase has more than doubled.



## STATISTICAL TABLES.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION;<sup>1</sup> AND BIRTH RATES<sup>2</sup> IN EACH COUNTY AND MUNICIPALITY: 1919.

COUNTIES AND MUNICIPALITIES.	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1919).	Birth rate per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign.	Mixed.	Unknown.		
<b>The State.</b>	<b>87,827</b>	<b>44,713</b>	<b>43,113</b>	<b>1</b>	<b>33,295</b>	<b>39,194</b>	<b>15,302</b>	<b>36</b>	<b>3,835,614</b>	<b>22.9</b>
<b>COUNTIES.</b>										
Barnstable County, . . .	464	233	231	-	229	146	88	1	26,896	17.3
Berkshire County, . . .	2,390	1,234	1,136	-	1,205	837	348	-	113,209	21.1
Bristol County, . . .	9,250	4,741	4,509	-	2,529	4,984	1,735	2	357,738	25.9
Dukes County, . . .	77	35	42	-	44	11	22	-	4,428	17.4
Essex County, . . .	10,137	5,132	5,005	-	3,729	4,569	1,833	6	480,209	21.1
Franklin County, . . .	1,107	569	538	-	588	396	123	-	49,245	22.5
Hampden County, . . .	7,649	3,967	3,682	-	2,847	3,567	1,232	3	296,372	25.8
Hampshire County, . . .	1,577	789	788	-	563	817	196	1	69,594	22.7
Middlesex County, . . .	16,939	8,628	8,311	-	6,941	6,743	3,245	10	773,644	21.9
Nantucket County, . . .	54	31	23	-	33	6	15	-	2,836	19.0
Norfolk County, . . .	3,736	1,913	1,823	-	1,507	1,515	711	3	217,273	17.2
Plymouth County, . . .	2,879	1,486	1,393	-	1,353	1,039	486	1	157,003	18.3
Suffolk County, . . .	21,003	10,602	10,401	-	7,605	9,906	3,486	6	834,604	25.2
Worcester County, . . .	10,565	5,353	5,211	1	4,122	4,658	1,782	3	452,563	23.3
<b>MUNICIPALITIES.<sup>3</sup></b>										
Abington, . . .	80	46	34	-	47	25	8	-	-	-
Acton, . . .	19	10	9	-	10	5	4	-	-	-
Acushnet, . . .	78	42	36	-	19	43	16	-	-	-
Adams, . . .	355	188	167	-	104	185	66	-	-	-
Agawam, . . .	90	50	40	-	29	46	15	-	-	-
Alford, . . .	3	2	1	-	1	1	1	-	-	-
Amesbury, . . .	134	56	78	-	63	49	22	-	-	-
Amherst, . . .	76	36	40	-	48	20	8	-	-	-
Andover, . . .	129	69	60	-	46	50	33	-	-	-
Arlington, . . .	322	166	156	-	150	81	61	-	-	-
Ashburnham, . . .	27	13	14	-	17	8	2	-	-	-
Ashby, . . .	17	9	8	-	7	8	2	-	-	-
Ashfield, . . .	14	8	6	-	12	2	-	-	-	-
Ashland, . . .	28	13	15	-	13	10	5	-	-	-
Athol, . . .	210	99	111	-	102	74	34	-	-	-
ATTLEBORO, . . .	434	239	195	-	201	120	113	-	19,599	22.1
Auburn, . . .	76	43	33	-	41	21	14	-	-	-
Avon, . . .	29	18	11	-	21	4	4	-	-	-
Ayer, . . .	39	24	15	-	19	9	11	-	-	-
Barnstable, . . .	88	40	48	-	37	32	19	-	-	-
Barre, . . .	82	39	43	-	16	52	14	-	-	-
Becket, . . .	10	6	4	-	8	-	2	-	-	-
Bedford, . . .	11	5	6	-	6	4	1	-	-	-
Belchertown, . . .	32	14	18	-	14	13	5	-	-	-
Bellingham, . . .	48	21	27	-	20	16	12	-	-	-
Belmont, . . .	120	64	56	-	51	51	18	-	-	-
Berkley, . . .	10	5	5	-	6	3	1	-	-	-
Berlin, . . .	12	9	3	-	6	1	5	-	-	-
Bernardston, . . .	8	2	6	-	6	1	1	-	-	-
BEVERLY, . . .	438	221	217	-	207	151	80	-	22,603	19.4
BillERICA, . . .	72	43	29	-	35	15	21	1	-	-
Blackstone, . . .	85	44	41	-	25	38	22	-	-	-
Blandford, . . .	13	6	7	-	11	2	-	-	-	-
Bolton, . . .	3	1	2	-	2	1	-	-	-	-
Boston, . . .	18,799	9,498	9,301	-	7,014	8,622	3,158	5	747,784	25.1

<sup>1</sup> Estimated population, as of July 1, 1919, is given for the State and counties and for municipalities having 15,000 or more inhabitants.

<sup>2</sup> All birth rates are based upon the total number of live births, including births in hospitals and institutions, and the total population. No allowances have been made for differences in the sex and age-distribution of the population.

<sup>3</sup> Cities are printed in small capitals.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION;<sup>1</sup> AND BIRTH RATES<sup>2</sup> IN EACH COUNTY AND MUNICIPALITY: 1919.

MUNICIPALITIES. <sup>3</sup>	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1919).	Birth rate per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign.	Mixed.	Unknown.		
Bourne, . . . . .	44	18	26	-	25	13	6	-	-	-
Boxborough, . . . . .	4	3	1	-	3	1	-	-	-	-
Boxford, . . . . .	6	3	3	-	2	2	2	-	-	-
Boylston, . . . . .	9	2	7	-	4	5	-	-	-	-
Braintree, . . . . .	196	104	92	-	80	71	45	-	-	-
Brewster, . . . . .	10	4	6	-	8	-	2	-	-	-
Bridgewater, . . . . .	156	80	76	-	42	84	29	1	-	-
Brimfield, . . . . .	7	4	3	-	6	-	1	-	-	-
BROCKTON, . . . . .	1,422	732	690	-	662	532	228	-	65,837	21.6
Brookfield, . . . . .	42	18	24	-	24	11	7	-	-	-
Brookline, . . . . .	302	145	157	-	144	101	55	2	37,300	8.1
Buckland, . . . . .	25	13	12	-	17	3	5	-	-	-
Burlington, . . . . .	14	10	4	-	7	6	1	-	-	-
CAMBRIDGE, . . . . .	2,757	1,387	1,370	-	1,010	1,303	442	2	109,602	25.2
Canton, . . . . .	98	53	45	-	44	37	17	-	-	-
Carlisle, . . . . .	8	3	5	-	4	4	-	-	-	-
Carver, . . . . .	20	10	10	-	7	9	4	-	-	-
Charlemont, . . . . .	10	5	5	-	8	2	-	-	-	-
Charlton, . . . . .	24	12	12	-	15	6	3	-	-	-
Chatham, . . . . .	20	12	8	-	16	-	3	1	-	-
Chelmsford, . . . . .	106	55	51	-	43	31	32	-	-	-
CHELSEA, . . . . .	1,363	680	683	-	295	891	176	1	43,209	31.5
Cheshire, . . . . .	32	16	16	-	18	13	1	-	-	-
Chester, . . . . .	22	15	7	-	14	6	2	-	-	-
Chesterfield, . . . . .	6	3	3	-	4	1	1	-	-	-
CHICOPEE, . . . . .	1,026	522	504	-	173	664	189	-	35,574	28.8
Chilmark, . . . . .	3	-	3	-	2	-	1	-	-	-
Clarksburg, . . . . .	19	10	9	-	11	3	5	-	-	-
Clinton, . . . . .	347	168	179	-	137	155	55	-	-	-
Cohasset, . . . . .	41	23	18	-	23	12	6	-	-	-
Colrain, . . . . .	24	15	9	-	17	5	2	-	-	-
Concord, . . . . .	142	64	78	-	71	49	22	-	-	-
Conway, . . . . .	15	9	6	-	15	-	-	-	-	-
Cummington, . . . . .	7	5	2	-	6	-	1	-	-	-
Dalton, . . . . .	37	18	19	-	26	2	9	-	-	-
Dana, . . . . .	8	3	5	-	5	2	1	-	-	-
Danvers, . . . . .	139	67	72	-	69	45	25	-	-	-
Dartmouth, . . . . .	129	65	64	-	43	68	17	1	-	-
Dedham, . . . . .	258	115	143	-	95	114	49	-	-	-
Deerfield, . . . . .	67	37	30	-	11	52	4	-	-	-
Dennis, . . . . .	18	10	8	-	14	2	2	-	-	-
Dighton, . . . . .	65	34	31	-	29	22	14	-	-	-
Douglas, . . . . .	61	29	32	-	11	43	7	-	-	-
Dover, . . . . .	5	3	2	-	1	2	2	-	-	-
Dracut, . . . . .	133	74	59	-	49	52	32	-	-	-
Dudley, . . . . .	126	66	60	-	27	72	27	-	-	-
Dunstable, . . . . .	5	2	3	-	4	-	1	-	-	-
Duxbury, . . . . .	26	12	14	-	18	4	4	-	-	-
East Bridgewater, . . . . .	43	27	16	-	26	13	4	-	-	-
East Longmeadow, . . . . .	39	21	18	-	12	18	8	1	-	-
Eastham, . . . . .	6	4	2	-	4	-	2	-	-	-
Easthampton, . . . . .	358	180	178	-	80	232	46	-	-	-
Easton, . . . . .	68	41	27	-	21	32	15	-	-	-
Edgartown, . . . . .	23	12	11	-	13	2	8	-	-	-
Egremont, . . . . .	7	4	3	-	5	1	1	-	-	-

See footnotes on page 15.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION;<sup>1</sup> AND BIRTH RATES<sup>2</sup> IN EACH COUNTY AND MUNICIPALITY: 1919.

MUNICIPALITIES. <sup>3</sup>	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1919).	Birth rate per 1,000 population.
		Male.	Female.	Unknown.	Na-tive.	For-eign.	Mixed.	Unknown.		
Enfield, . . . . .	12	10	2	-	6	2	4	-	-	-
Erving, . . . . .	17	4	13	-	5	6	6	-	-	-
Essex, . . . . .	12	7	5	-	7	1	4	-	-	-
EVERETT, . . . . .	854	434	420	-	334	352	168	-	39,867	21.4
Fairhaven, . . . . .	143	68	75	-	31	80	32	-	-	-
FALL RIVER, . . . . .	3,421	1,748	1,673	-	969	1,818	633	1	120,938	28.3
Falmouth, . . . . .	72	42	30	-	18	42	12	-	-	-
FITCHBURG, . . . . .	1,075	572	503	-	369	500	206	-	40,884	26.3
Florida, . . . . .	4	2	2	-	2	1	1	-	-	-
Foxborough, . . . . .	55	31	24	-	20	14	21	-	-	-
Framingham, . . . . .	447	230	217	-	203	180	64	-	16,910	26.4
Franklin, . . . . .	133	67	66	-	57	49	27	-	-	-
Freetown, . . . . .	26	13	13	-	18	7	1	-	-	-
Gardner, . . . . .	393	202	191	-	124	220	49	-	16,908	23.2
Gay Head, . . . . .	2	-	2	-	2	-	-	-	-	-
Georgetown, . . . . .	29	10	19	-	22	3	4	-	-	-
Gill, . . . . .	16	7	9	-	6	8	2	-	-	-
GLOUCESTER, . . . . .	461	241	220	-	175	171	115	-	23,108	19.9
Goshen, . . . . .	10	4	6	-	10	-	-	-	-	-
Gosnold, . . . . .	-	-	-	-	-	-	-	-	-	-
Grafton, . . . . .	122	52	70	-	44	56	22	-	-	-
Granby, . . . . .	11	7	4	-	3	4	4	-	-	-
Granville, . . . . .	13	5	8	-	12	1	-	-	-	-
Great Barrington, . . . . .	154	78	76	-	80	62	12	-	-	-
Greenfield, . . . . .	368	192	176	-	222	105	41	-	-	-
Greenwich, . . . . .	3	1	2	-	3	-	-	-	-	-
Groton, . . . . .	41	21	20	-	23	5	13	-	-	-
Groveland, . . . . .	27	13	14	-	19	5	3	-	-	-
Hadley, . . . . .	101	52	49	-	7	91	3	-	-	-
Halifax, . . . . .	11	6	5	-	7	2	2	-	-	-
Hamilton, . . . . .	22	11	11	-	12	5	5	-	-	-
Hampden, . . . . .	5	2	3	-	1	3	1	-	-	-
Hancock, . . . . .	3	2	1	-	3	-	-	-	-	-
Hanover, . . . . .	31	19	12	-	17	10	4	-	-	-
Hanson, . . . . .	45	21	24	-	23	11	11	-	-	-
Hardwick, . . . . .	52	20	32	-	7	40	5	-	-	-
Harvard, . . . . .	9	6	3	-	7	1	1	-	-	-
Harwich, . . . . .	43	19	24	-	18	17	8	-	-	-
Hatfield, . . . . .	87	45	42	-	11	68	8	-	-	-
HAVERHILL, . . . . .	1,108	594	514	-	486	407	215	-	53,417	20.7
Hawley, . . . . .	5	3	2	-	4	-	1	-	-	-
Heath, . . . . .	8	4	4	-	6	-	2	-	-	-
Hingham, . . . . .	76	34	42	-	47	14	15	-	-	-
Hinsdale, . . . . .	14	7	7	-	9	4	1	-	-	-
Holbrook, . . . . .	49	33	16	-	30	7	12	-	-	-
Holden, . . . . .	67	33	34	-	39	23	5	-	-	-
Holland, . . . . .	1	-	1	-	1	-	-	-	-	-
Holliston, . . . . .	36	18	18	-	19	9	8	-	-	-
HOLYOKE, . . . . .	1,583	818	765	-	556	705	322	-	60,268	26.3
Hopedale, . . . . .	26	13	13	-	9	13	4	-	-	-
Hopkinton, . . . . .	17	7	10	-	12	3	2	-	-	-
Hubbardston, . . . . .	10	4	6	-	5	3	2	-	-	-
Hudson, . . . . .	140	72	68	-	45	80	15	-	-	-
Hull, . . . . .	32	13	19	-	17	8	7	-	-	-
Huntington, . . . . .	34	21	13	-	25	2	7	-	-	-

See footnotes on page 15.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION;<sup>1</sup> AND BIRTH RATES<sup>2</sup> IN EACH COUNTY AND MUNICIPALITY: 1919.

MUNICIPALITIES. <sup>3</sup>	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1919).	Birth rate per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign.	Mixed.	Unknown.		
Ipswich, . . . . .	190	89	101	—	36	129	25	—	—	—
Kingston, . . . . .	23	10	13	—	9	8	6	—	—	—
Lakeville, . . . . .	28	13	15	—	22	3	3	—	—	—
Lancaster, . . . . .	22	17	5	—	15	2	5	—	—	—
Lanesborough, . . . . .	4	2	2	—	3	1	—	—	—	—
LAWRENCE, . . . . .	2,406	1,198	1,208	—	480	1,560	366	—	93,848	25.6
Lee, . . . . .	67	37	30	—	32	28	7	—	—	—
Leicester, . . . . .	51	22	29	—	30	11	10	—	—	—
Lenox, . . . . .	29	15	14	—	17	10	2	—	—	—
LEOMINSTER, . . . . .	441	217	224	—	186	175	80	—	19,523	22.6
Leverett, . . . . .	17	3	14	—	15	1	1	—	—	—
Lexington, . . . . .	99	47	52	—	37	39	23	—	—	—
Leyden, . . . . .	2	2	—	—	2	—	—	—	—	—
Lincoln, . . . . .	5	3	2	—	—	3	2	—	—	—
Littleton, . . . . .	21	11	10	—	13	7	1	—	—	—
Longmeadow, . . . . .	19	10	9	—	14	1	4	—	—	—
LOWELL, . . . . .	3,064	1,559	1,505	—	967	1,417	675	5	112,256	27.3
Ludlow, . . . . .	353	184	169	—	67	249	37	—	—	—
Lunenburg, . . . . .	18	9	9	—	13	4	1	—	—	—
LYNN, . . . . .	1,935	1,001	934	—	799	755	375	6	98,796	19.6
Lynnfield, . . . . .	10	4	6	—	5	1	4	—	—	—
MALDEN, . . . . .	1,019	502	517	—	387	430	202	—	49,082	20.8
Manchester, . . . . .	22	8	14	—	8	11	3	—	—	—
Mansfield, . . . . .	115	60	55	—	48	51	16	—	—	—
Marblehead, . . . . .	96	52	44	—	66	8	22	—	—	—
Marion, . . . . .	23	11	12	—	13	9	1	—	—	—
MARLBOROUGH, . . . . .	360	176	184	—	199	111	50	—	15,051	23.9
Marshfield, . . . . .	11	6	5	—	6	1	4	—	—	—
Mashpee, . . . . .	5	3	2	—	4	1	—	—	—	—
Mattapoisett, . . . . .	21	14	7	—	12	7	2	—	—	—
Maynard, . . . . .	149	76	73	—	13	114	22	—	—	—
Medfield, . . . . .	18	10	8	—	8	6	4	—	—	—
MEDFORD, . . . . .	755	388	367	—	414	176	165	—	38,140	19.8
Medway, . . . . .	24	8	16	—	10	11	3	—	—	—
MELROSE, . . . . .	389	203	186	—	219	80	90	—	18,065	21.5
Mendon, . . . . .	7	2	5	—	5	2	—	—	—	—
Merrimac, . . . . .	22	8	14	—	15	4	3	—	—	—
METHUEN, . . . . .	332	167	165	—	123	141	68	—	15,065	22.0
Middleborough, . . . . .	147	75	72	—	71	45	31	—	—	—
Middlefield, . . . . .	5	2	3	—	2	3	—	—	—	—
Middleton, . . . . .	8	4	4	—	4	2	2	—	—	—
Milford, . . . . .	393	194	199	—	129	209	54	1	—	—
Millbury, . . . . .	166	91	75	—	107	33	26	—	—	—
Millis, . . . . .	12	6	6	—	5	6	1	—	—	—
Millville, . . . . .	41	19	22	—	12	26	3	—	—	—
Milton, . . . . .	198	91	107	—	115	50	33	—	—	—
Monroe, . . . . .	4	3	1	—	2	2	—	—	—	—
Monson, . . . . .	41	22	19	—	26	12	3	—	—	—
Montague, . . . . .	233	121	112	—	105	100	28	—	—	—
Monterey, . . . . .	7	3	4	—	6	—	1	—	—	—
Montgomery, . . . . .	5	1	4	—	4	1	—	—	—	—
Mount Washington, . . . . .	1	—	1	—	1	—	—	—	—	—
Nahant, . . . . .	11	7	4	—	8	2	1	—	—	—
Nantucket, . . . . .	54	31	23	—	33	6	15	—	—	—
Natick, . . . . .	264	127	137	—	140	58	66	—	—	—

See footnotes on page 15.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION;<sup>1</sup> AND BIRTH RATES<sup>2</sup> IN EACH COUNTY AND MUNICIPALITY: 1919.

MUNICIPALITIES. <sup>3</sup>	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1919).	Birth rate per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign.	Mixed.	Unknown.		
Needham, . . . . .	115	51	64	-	49	43	23	-	-	-
New Ashford, . . . . .	2	1	1	-	2	-	-	-	-	-
NEW BEDFORD, . . . . .	3,386	1,716	1,670	-	635	2,132	619	-	119,991	23.2
New Braintree, . . . . .	10	6	4	-	6	4	-	-	-	-
New Marlborough, . . . . .	16	8	8	-	11	3	2	-	-	-
New Salem, . . . . .	9	5	4	-	7	1	1	-	-	-
Newbury, . . . . .	21	8	13	-	17	1	3	-	-	-
NEWBURYPORT, . . . . .	389	189	200	-	225	106	58	-	15,586	25.0
NEWTON, . . . . .	810	445	365	-	413	247	149	1	45,744	17.7
Norfolk, . . . . .	15	9	6	-	8	5	2	-	-	-
NORTH ADAMS, . . . . .	442	241	201	-	228	121	93	-	22,256	19.9
North Andover, . . . . .	108	51	57	-	40	40	28	-	-	-
North Attleborough, . . . . .	128	68	60	-	65	32	31	-	-	-
North Brookfield, . . . . .	40	20	20	-	26	9	5	-	-	-
North Reading, . . . . .	13	7	6	-	6	2	5	-	-	-
NORTHAMPTON, . . . . .	455	226	229	-	222	178	55	-	21,920	20.8
Northborough, . . . . .	15	9	6	-	9	4	2	-	-	-
Northbridge, . . . . .	254	127	127	-	78	111	65	-	-	-
Northfield, . . . . .	29	13	16	-	19	8	2	-	-	-
Norton, . . . . .	38	23	15	-	11	20	7	-	-	-
Norwell, . . . . .	12	5	7	-	10	-	2	-	-	-
Norwood, . . . . .	374	203	171	-	108	221	45	-	-	-
Oak Bluffs, . . . . .	26	14	12	-	18	1	7	-	-	-
Oakham, . . . . .	12	1	11	-	6	3	3	-	-	-
Orange, . . . . .	81	45	36	-	49	17	15	-	-	-
Orleans, . . . . .	13	7	6	-	12	1	-	-	-	-
Otis, . . . . .	1	-	1	-	1	-	-	-	-	-
Oxford, . . . . .	72	40	32	-	38	15	19	-	-	-
Palmer, . . . . .	322	171	151	-	81	206	35	-	-	-
Paxton, . . . . .	13	5	8	-	6	6	1	-	-	-
PEABODY, . . . . .	579	310	269	-	170	340	69	-	19,454	29.8
Pelham, . . . . .	5	4	1	-	4	-	1	-	-	-
Pembroke, . . . . .	26	14	12	-	14	7	5	-	-	-
Pepperell, . . . . .	34	17	17	-	20	7	7	-	-	-
Peru, . . . . .	5	3	2	-	5	-	-	-	-	-
Petersham, . . . . .	8	4	4	-	8	-	-	-	-	-
Phillipston, . . . . .	6	2	4	-	4	1	1	-	-	-
PITTSFIELD, . . . . .	1,025	509	516	-	534	366	125	-	41,536	24.7
Plainfield, . . . . .	2	1	1	-	1	1	-	-	-	-
Plainville, . . . . .	19	6	13	-	10	4	5	-	-	-
Plymouth, . . . . .	236	121	115	-	81	121	34	-	-	-
Plympton, . . . . .	2	1	1	-	1	-	1	-	-	-
Prescott, . . . . .	2	2	-	-	2	-	-	-	-	-
Princeton, . . . . .	15	7	8	-	10	3	2	-	-	-
Provincetown, . . . . .	85	47	38	-	33	27	25	-	-	-
QUINCY, . . . . .	1,086	578	508	-	376	504	206	-	47,118	23.0
Randolph, . . . . .	72	33	39	-	42	11	19	-	-	-
Raynham, . . . . .	34	20	14	-	17	11	6	-	-	-
Reading, . . . . .	118	64	54	-	70	25	23	-	-	-
Rehoboth, . . . . .	30	11	19	-	11	14	5	-	-	-
REVERE, . . . . .	607	308	299	-	163	338	106	-	28,439	21.3
Richmond, . . . . .	11	6	5	-	3	8	-	-	-	-
Rochester, . . . . .	15	5	10	-	6	7	2	-	-	-
Rockland, . . . . .	123	62	61	-	61	33	29	-	-	-
Rockport, . . . . .	59	29	30	-	22	24	13	-	-	-

See footnotes on page 15.



Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION;<sup>1</sup> AND BIRTH RATES<sup>2</sup> IN EACH COUNTY AND MUNICIPALITY: 1919.

MUNICIPALITIES. <sup>3</sup>	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1919).	Birth rate per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign.	Mixed.	Unknown.		
Rowe, . . . . .	4	2	2	—	3	1	—	—	—	—
Rowley, . . . . .	8	4	4	—	6	1	1	—	—	—
Royalston, . . . . .	10	6	4	—	4	6	—	—	—	—
Russell, . . . . .	29	16	13	—	10	16	3	—	—	—
Rutland, . . . . .	17	5	12	—	9	6	2	—	—	—
SALEM, . . . . .	1,081	541	540	—	417	436	228	—	41,968	25.8
Salisbury, . . . . .	19	5	14	—	15	1	3	—	—	—
Sandisfield, . . . . .	5	3	2	—	2	3	—	—	—	—
Sandwich, . . . . .	20	9	11	—	11	5	4	—	—	—
Saugus, . . . . .	191	93	98	—	80	76	35	—	—	—
Savoy, . . . . .	7	4	3	—	2	4	1	—	—	—
Scituate, . . . . .	27	13	14	—	16	4	7	—	—	—
Seekonk, . . . . .	31	15	16	—	12	12	7	—	—	—
Sharon, . . . . .	20	13	7	—	13	3	4	—	—	—
Sheffield, . . . . .	23	14	9	—	19	4	—	—	—	—
Shelburne, . . . . .	23	14	9	—	19	—	4	—	—	—
Sherborn, . . . . .	12	6	6	—	5	6	1	—	—	—
Shirley, . . . . .	49	27	22	—	13	26	10	—	—	—
Shrewsbury, . . . . .	67	37	30	—	25	33	9	—	—	—
Shutesbury, . . . . .	8	3	5	—	3	5	—	—	—	—
Somerset, . . . . .	77	48	29	—	32	35	10	—	—	—
SOMERVILLE, . . . . .	1,888	939	949	—	747	741	400	—	92,434	20.4
South Hadley, . . . . .	85	34	51	—	23	43	19	—	—	—
Southampton, . . . . .	9	4	5	—	2	6	1	—	—	—
Southborough, . . . . .	10	6	4	—	3	6	1	—	—	—
Southbridge, . . . . .	350	183	167	—	129	139	82	—	—	—
Southwick, . . . . .	23	13	10	—	13	10	—	—	—	—
Spencer, . . . . .	93	51	42	—	70	6	17	—	—	—
SPRINGFIELD, . . . . .	3,268	1,683	1,585	—	1,577	1,154	536	1	126,809	25.8
Sterling, . . . . .	13	5	8	—	6	5	2	—	—	—
Stockbridge, . . . . .	22	14	8	—	16	5	1	—	—	—
Stoneham, . . . . .	201	109	92	—	124	48	29	—	—	—
Stoughton, . . . . .	119	59	60	—	45	55	19	—	—	—
Stow, . . . . .	11	3	8	—	4	4	3	—	—	—
Sturbridge, . . . . .	30	14	16	—	20	4	6	—	—	—
Sudbury, . . . . .	6	1	5	—	4	2	—	—	—	—
Sunderland, . . . . .	61	28	33	—	17	40	4	—	—	—
Sutton, . . . . .	58	21	37	—	22	23	13	—	—	—
Swampscott, . . . . .	115	58	57	—	61	39	15	—	—	—
Swansea, . . . . .	42	17	25	—	17	20	5	—	—	—
TAUNTON, . . . . .	926	473	453	—	317	438	171	—	37,034	25.0
Templeton, . . . . .	50	28	22	—	29	11	10	—	—	—
Tewksbury, . . . . .	41	20	21	—	27	8	6	—	—	—
State Infirmary, . . . . .	139	77	62	—	75	55	8	1	—	—
Tisbury, . . . . .	21	8	13	—	7	8	6	—	—	—
Tolland, . . . . .	2	2	—	—	1	1	—	—	—	—
Topsfield, . . . . .	8	5	3	—	5	3	—	—	—	—
Townsend, . . . . .	21	11	10	—	12	4	5	—	—	—
Truro, . . . . .	10	5	5	—	7	2	1	—	—	—
Tyngsborough, . . . . .	18	10	8	—	9	7	2	—	—	—
Tyringham, . . . . .	2	1	1	—	1	—	1	—	—	—
Upton, . . . . .	12	7	5	—	9	1	2	—	—	—
Uxbridge, . . . . .	125	62	63	—	53	50	22	—	—	—
Wakefield, . . . . .	259	129	130	—	84	131	44	—	—	—
Wales, . . . . .	8	3	5	—	3	1	4	—	—	—
Walpole, . . . . .	90	43	47	—	28	47	15	—	—	—

See footnotes on page 15.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION;<sup>1</sup> AND BIRTH RATES<sup>2</sup> IN EACH COUNTY AND MUNICIPALITY: 1919.

MUNICIPALITIES. <sup>3</sup>	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1919).	Birth rate per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign.	Mixed.	Unknown.		
WALTHAM, . . . . .	640	326	314	-	260	245	195	-	30,835	20.8
Ware, . . . . .	229	115	114	-	70	130	29	-	-	-
Wareham, . . . . .	112	59	53	-	40	55	17	-	-	-
Warren, . . . . .	92	45	47	-	29	51	12	-	-	-
Warwick, . . . . .	5	2	3	-	3	1	1	-	-	-
Washington, . . . . .	-	-	-	-	-	-	-	-	-	-
Watertown, . . . . .	442	229	213	-	167	205	70	-	20,937	21.1
Wayland, . . . . .	9	5	4	-	7	2	-	-	-	-
Webster, . . . . .	320	161	159	-	100	148	72	-	-	-
Wellesley, . . . . .	69	40	29	-	21	33	15	-	-	-
Wellfleet, . . . . .	12	5	7	-	9	3	-	-	-	-
Wendell, . . . . .	10	3	7	-	6	2	2	-	-	-
Wenham, . . . . .	12	3	9	-	10	-	2	-	-	-
West Boylston, . . . . .	22	10	12	-	3	16	3	-	-	-
West Bridgewater, . . . . .	47	24	23	-	19	21	7	-	-	-
West Brookfield, . . . . .	8	4	4	-	5	2	1	-	-	-
West Newbury, . . . . .	10	6	4	-	9	-	1	-	-	-
West Springfield, . . . . .	185	97	88	-	73	86	26	-	-	-
West Stockbridge, . . . . .	9	4	5	-	3	4	2	-	-	-
West Tisbury, . . . . .	2	1	1	-	2	-	-	-	-	-
Westborough, . . . . .	61	32	29	-	42	7	11	1	-	-
Westfield, . . . . .	512	277	235	-	158	307	46	1	18,584	27.6
Westford, . . . . .	93	45	48	-	13	62	18	-	-	-
Westhampton, . . . . .	5	3	2	-	2	2	1	-	-	-
Westminster, . . . . .	26	11	15	-	17	8	1	-	-	-
Weston, . . . . .	18	11	7	-	9	6	3	-	-	-
Westport, . . . . .	69	35	34	-	27	26	16	-	-	-
Westwood, . . . . .	20	9	11	-	5	11	4	-	-	-
Weymouth, . . . . .	254	131	123	-	119	75	59	1	-	-
Whately, . . . . .	44	26	18	-	9	34	1	-	-	-
Whitman, . . . . .	84	53	31	-	59	6	19	-	-	-
Wilbraham, . . . . .	83	45	38	-	5	78	-	-	-	-
Williamsburg, . . . . .	39	17	22	-	14	21	3	1	-	-
Williamstown, . . . . .	66	30	36	-	46	6	14	-	-	-
Wilmington, . . . . .	45	23	22	-	24	13	8	-	-	-
Winchendon, . . . . .	155	80	75	-	82	37	36	-	-	-
Winchester, . . . . .	257	124	133	-	139	81	37	-	-	-
Windsor, . . . . .	8	6	2	-	6	2	-	-	-	-
Winthrop, . . . . .	234	116	118	-	133	55	46	-	-	-
WOBBURN, . . . . .	358	194	164	-	172	123	63	-	16,557	21.6
WORCESTER, . . . . .	4,596	2,345	2,250	1	1,741	2,136	718	1	177,959	25.8
Worthington, . . . . .	4	3	1	-	4	-	-	-	-	-
Wrentham, . . . . .	17	10	7	-	10	3	4	-	-	-
Yarmouth, . . . . .	18	8	10	-	13	1	4	-	-	-

See footnotes on page 15.

Table 2

COUNTIES AND  
CITIES HAVING OVER  
50,000 INHABITANTS  
IN 1915.  
(Grouped in order of  
population.)

LIVE BIRTHS BY MONTH OF BIRTH IN COUNTIES AND IN CITIES  
HAVING OVER 50,000 INHABITANTS IN 1915: 1919.

	The Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
<b>The State.</b>	<b>87,827</b>	<b>7,185</b>	<b>6,975</b>	<b>7,950</b>	<b>7,498</b>	<b>6,999</b>	<b>6,250</b>	<b>6,503</b>	<b>7,340</b>	<b>7,658</b>	<b>7,870</b>	<b>7,718</b>	<b>7,881</b>
Average daily number of births,	241	232	249	256	250	226	208	210	237	255	254	257	254
<b>COUNTIES.</b>													
Suffolk, . . . . .	21,003	1,769	1,700	1,943	1,789	1,651	1,485	1,577	1,730	1,857	1,885	1,796	1,821
Middlesex, . . . . .	16,939	1,388	1,374	1,513	1,475	1,320	1,187	1,310	1,423	1,409	1,512	1,487	1,541
Essex, . . . . .	10,137	811	824	934	863	859	705	732	849	837	889	920	914
Worcester, . . . . .	10,565	859	776	1,022	858	861	725	744	906	934	963	947	970
Bristol, . . . . .	9,250	748	728	817	830	708	656	699	791	830	848	808	787
Hampden, . . . . .	7,649	623	613	693	642	622	602	570	599	660	655	648	722
Norfolk, . . . . .	3,736	296	261	310	278	300	251	283	347	349	336	382	343
Plymouth, . . . . .	2,879	232	233	229	264	222	204	193	247	287	263	232	273
Berkshire, . . . . .	2,390	181	187	226	210	181	198	165	194	212	230	197	209
Hampshire, . . . . .	1,577	149	130	119	146	136	119	103	124	135	125	148	143
Franklin, . . . . .	1,107	87	96	92	99	94	75	75	82	105	104	93	105
Barnstable, . . . . .	464	25	48	44	33	34	31	36	42	36	48	44	43
Dukes, . . . . .	77	10	2	6	6	9	7	9	5	4	5	8	6
Nantucket, . . . . .	54	7	3	2	5	2	5	7	1	3	7	8	4
<b>CITIES OVER 100,000.</b>													
Boston, . . . . .	18,799	1,611	1,536	1,749	1,583	1,477	1,347	1,396	1,523	1,664	1,665	1,608	1,640
Worcester, . . . . .	4,596	372	363	459	365	354	341	343	396	384	397	397	425
Fall River, . . . . .	3,421	262	272	313	305	250	233	259	289	345	283	308	302
New Bedford, . . . . .	3,386	301	258	302	310	245	239	259	281	292	346	284	269
Cambridge, . . . . .	2,757	220	236	241	209	196	200	214	245	254	236	240	266
Lowell, . . . . .	3,064	239	262	293	297	240	218	235	240	243	258	272	267
Springfield, . . . . .	3,268	268	231	277	275	263	281	264	270	287	277	273	302
<b>CITIES 50,000 TO 100,000.</b>													
Lynn, . . . . .	1,935	160	193	207	162	157	104	154	145	150	167	182	154
Lawrence, . . . . .	2,406	179	193	205	202	199	173	181	204	213	219	199	239
Somerville, . . . . .	1,888	169	146	159	149	148	134	135	174	154	158	177	185
Brockton, . . . . .	1,422	111	118	111	128	106	104	84	131	146	125	113	145
Holyoke, . . . . .	1,583	124	143	151	154	131	103	124	113	131	128	128	153



Table 3

PLURAL BIRTHS, BY SEX, AND STILLBIRTHS,  
BY SEX AND PARENT NATIVITY, IN COUNTIES AND IN CITIES  
HAVING OVER 50,000 INHABITANTS IN 1915: 1919.

COUNTIES AND CITIES HAVING OVER 50,000 INHABITANTS IN 1915. (Grouped in order of population.)	PLURAL BIRTHS.						STILLBIRTHS.							
	TWINS.			TRIPLETS.			SEX.				PARENT NATIVITY.			
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Unknown.	Native.	Foreign.	Mixed.	Unknown.
<b>The State.</b>	<b>1,972</b>	<b>1,004</b>	<b>968</b>	<b>21</b>	<b>11</b>	<b>10</b>	<b>3,092</b>	<b>1,750</b>	<b>1,332</b>	<b>10</b>	<b>1,201</b>	<b>1,380</b>	<b>497</b>	<b>14</b>
<b>COUNTIES.</b>														
Suffolk, . . . . .	440	214	226	3	3	-	701	410	291	-	236	332	125	8
Middlesex, . . . . .	370	199	171	15	7	8	558	314	241	3	237	217	103	1
Essex, . . . . .	204	101	103	-	-	-	379	213	164	2	142	188	48	1
Worcester, . . . . .	252	133	119	-	-	-	367	215	150	2	156	162	49	-
Bristol, . . . . .	236	127	109	-	-	-	362	190	172	-	106	193	60	3
 Hampden, . . . . .	168	85	83	3	1	2	269	146	122	1	114	109	45	1
Norfolk, . . . . .	88	41	47	-	-	-	124	64	58	2	58	46	20	-
Plymouth, . . . . .	76	30	46	-	-	-	119	68	51	-	46	50	23	-
Berkshire, . . . . .	52	34	18	-	-	-	80	50	30	-	42	28	10	-
Hampshire, . . . . .	30	13	17	-	-	-	51	28	23	-	22	25	4	-
 Franklin, . . . . .	40	21	19	-	-	-	58	36	22	-	30	20	8	-
Barnstable, . . . . .	16	6	10	-	-	-	20	14	6	-	11	8	1	-
Dukes, . . . . .	-	-	-	-	-	-	3	2	1	-	-	2	1	-
Nantucket, . . . . .	-	-	-	-	-	-	1	-	1	-	1	-	-	-
 <b>CITIES OVER 100,000.</b>														
Boston, . . . . .	390	191	199	3	3	-	642	371	271	-	224	293	117	8
Worcester, . . . . .	110	56	54	-	-	-	167	96	70	1	74	67	26	-
Fall River, . . . . .	82	29	53	-	-	-	129	64	65	-	33	71	24	1
New Bedford, . . . . .	80	49	31	-	-	-	131	73	58	-	29	77	23	2
 Cambridge, . . . . .	46	27	19	3	-	3	100	57	43	-	38	50	11	1
Lowell, . . . . .	64	35	29	6	3	3	107	66	38	3	41	48	18	-
Springfield, . . . . .	80	40	40	3	1	2	149	83	65	1	75	47	26	1
 <b>CITIES 50,000 TO 100,000.</b>														
Lynn, . . . . .	38	22	16	-	-	-	59	33	26	-	22	29	8	-
Lawrence, . . . . .	44	22	22	-	-	-	111	69	42	-	30	73	8	-
Somerville, . . . . .	60	30	30	-	-	-	53	29	24	-	24	15	14	-
Brockton, . . . . .	38	17	21	-	-	-	70	42	28	-	25	29	16	-
Holyoke, . . . . .	38	16	22	-	-	-	52	28	42	-	17	25	10	-

Table 4

YEARS.	LIVE BIRTHS AND BIRTH RATES FOR THE STATE AND CITIES HAVING OVER 100,000 INHABITANTS IN 1915: 1871 TO 1919.							
	The State.	CITIES HAVING OVER 100,000 INHABITANTS IN 1915.						
		Boston.	Worcester.	Fall River.	Lowell.	Cam- bridge.	New Bedford.	Spring- field.
		LIVE BIRTHS.						
1871.	39,791	8,518 <sup>1</sup>	1,540	946	884	1,317	462	744
1872.	43,235	9,244 <sup>1</sup>	1,577	1,284	1,087	1,335	482	765
1873.	44,481	9,672	1,638	1,410	1,351	1,335	473	872
1874.	45,631	11,697	1,636	1,305	1,352	1,339	501	894
1875.	43,996	10,984	1,486	1,476	1,291	1,252	566	908
1876.	42,149	10,751	1,554	1,374	1,259	1,206	543	750
1877.	41,850	10,494	1,414	1,356	1,333	1,423	505	749
1878.	41,238	10,160	1,455	1,319	1,315	1,362	545	712
1879.	40,295	10,165	1,462	1,082	1,410	1,401	528	719
1880.	44,217	10,573	1,778	1,431	1,763	1,599	710	833
1881.	45,220	10,463	1,800	1,876	1,831	1,498	727	869
1882.	45,670	10,927	1,908	1,519	1,755	1,456	743	846
1883.	47,285	11,206	1,932	1,600	1,673	1,542	889	931
1884.	48,615	11,372	2,045	1,567	1,755	1,538	964	1,026
1885.	48,790	11,373	1,957	1,767	1,749	1,613	874	968
1886.	50,788	11,864	2,051	1,841	1,860	1,627	1,043	996
1887.	53,174	12,048	2,250	1,943	1,815	1,837	1,066	1,081
1888.	54,893	12,534	2,293	2,013	1,846	1,966	1,164	1,190
1889.	57,075	12,650	2,464	2,149	2,215	2,063	1,128	1,169
1890.	57,777	13,137	2,511	2,282	2,185	2,122	1,044	1,200
1891.	63,004	14,248	2,759	2,470	2,229	2,416	1,300	1,345
1892.	65,824	15,466	2,853	2,596	2,731	2,338	1,659	1,395
1893.	67,192	14,412	3,094	2,794	2,688	2,416	1,617	1,473
1894.	66,936	15,188	2,951	2,770	2,710	2,383	1,762	1,298
1895.	67,545	15,551	2,822	2,768	2,693	2,448	1,692	1,438
1896.	72,343	16,477	3,180	3,374	2,764	2,539	2,127	1,502
1897.	73,205	16,884	3,007	4,138	2,595	2,510	2,241	1,553
1898.	73,110	16,577	3,080	4,726	2,413	2,594	2,048	1,584
1899.	70,457	16,151	3,070	3,987	2,415	2,508	2,065	1,512
1900.	73,386	16,328	3,131	4,327	2,596	2,648	2,230	1,560
1901.	71,976	15,561	3,291	4,054	2,794	2,525	2,440	1,449
1902.	72,219	15,516	3,349	4,341	2,493	2,476	2,437	1,592
1903.	73,584	15,664	3,501	4,448	2,519	2,528	2,469	1,647
1904.	75,014	15,730	3,540	4,514	2,519	2,528	2,620	1,624
1905.	75,022	15,661	3,510	4,092	2,500	2,453	2,765	1,810
1906.	80,237	17,062	3,743	4,333	2,547	2,768	2,949	1,816
1907.	85,001	18,229	3,998	4,622	2,704	2,826	3,272	2,019
1908.	86,911	18,359	3,978	4,838	2,743	2,887	3,580	2,184
1909.	84,039	17,584	3,645	4,692	2,648	2,643	3,836	2,258
1910.	86,539	17,672	3,923	4,591	2,632	2,436	3,863	2,445
1911.	83,327	17,844	4,122	4,617	2,580	2,621	4,160	2,512
1912.	89,882	18,745	4,167	4,714	2,748	2,605	3,594	2,779
1913.	91,644	19,109	4,520	4,664	2,794	2,713	3,647	2,866
1914.	93,399	19,467	4,667	4,703	2,914	2,745	3,574	2,986
1915.	93,155	19,713	4,504	3,910	2,944	2,610	3,533	3,099
1916.	93,487	19,604	4,941	3,690	3,289	2,691	3,497	3,281
1917.	95,731	19,950	5,276	3,807	3,289	2,764	3,664	3,614
1918.	95,607	20,092	5,239	3,645	3,279	2,672	3,920	3,770
1919.	87,827	18,799	4,596	3,421	3,064	2,757	3,386	3,268
		BIRTH RATES PER 1,000 POPULATION: CENSUS YEARS 1870 TO 1915; AND PER 1,000 ESTIMATED POPULATION, 1916, 1917, 1918, AND 1919.						
1870.	26.2	32.2	30.0	31.9	22.6	33.0	21.5	28.3
1875.	26.6	33.1	30.1	32.6	26.0	26.2	21.9	29.2
1880.	24.8	29.1	30.5	29.2	29.6	30.4	26.4	25.0
1885.	25.1	29.1	28.6	31.1	27.3	27.0	26.2	25.8
1890.	25.8	29.3	29.7	30.7	28.1	30.3	25.6	27.2
1895.	27.0	31.3	28.7	31.0	31.9	30.0	30.6	27.9
1900.	26.2	29.1	26.4	41.3	27.3	28.8	35.7	25.1
1905.	24.9	26.3	27.4	26.4	38.7	25.2	37.2	24.6
1910.	25.6	26.4	26.9	38.5	24.8	23.2	40.0	27.5
1915.	25.2	26.4	27.7	31.3	27.3	24.0	32.2	30.1
1916.	24.8	25.8	29.6	29.2	30.3	24.5	31.0	30.8
1917.	24.9	25.6	31.0	29.9	30.2	25.0	31.7	33.1
1918.	24.5	25.3	30.2	28.4	30.1	24.0	33.2	33.6
1919.	22.9	25.1	25.8	28.3	27.3	25.2	28.2	25.8

<sup>1</sup> Not including Charlestown, which was annexed to Boston in 1874. The number of births registered in Charlestown in 1870 was 766; in 1871, 810; in 1872, 828; in 1873, 865.

Table 5

## LIVE BIRTHS BY SEX AND PARENT NATIVITY: 1851 TO 1919.

YEARS.	Popula- tion (esti- mated, as of July 1).	Total num- ber.	SEX.				PARENT NATIVITY.			
			Males.	Fe- males.	Un- known.	Males to 1,000 fe- males.	Native.	For- eign.	Mixed.	Un- known.
1851, . . . . .	1,020,674	28,661	14,949	13,613	119	1,093	16,735	9,846	-	2,100
1852, . . . . .	1,047,518	29,802	15,246	14,432	124	1,056	17,255	10,991	-	1,556
1853, . . . . .	1,075,063	30,920	15,798	14,965	157	1,056	16,040	11,753	1,494	1,633
1854, . . . . .	1,103,341	31,997	16,352	15,469	176	1,057	16,470	12,476	1,390	1,661
1855, . . . . .	1,132,369	32,845	16,785	15,888	172	1,056	15,947	13,708	1,617	1,573
1856, . . . . .	1,151,435	34,445	17,650	16,577	218	1,065	15,908	14,570	1,943	2,024
1857, . . . . .	1,170,855	35,320	18,023	17,121	176	1,053	16,261	15,235	1,975	1,851
1858, . . . . .	1,190,533	36,491	17,451	16,840	198	1,036	16,283	15,051	1,916	1,241
1859, . . . . .	1,210,645	35,422	18,108	17,152	162	1,056	15,973	15,678	2,306	1,465
1860, . . . . .	1,231,066	36,051	18,504	17,450	97	1,060	16,672	16,138	2,411	830
1861, . . . . .	1,238,176	35,445	18,286	17,078	81	1,076	16,097	16,125	2,482	741
1862, . . . . .	1,245,326	32,275	16,594	15,604	77	1,064	14,423	14,941	2,296	615
1863, . . . . .	1,252,517	30,314	15,692	14,579	43	1,076	13,066	14,540	2,144	564
1864, . . . . .	1,259,750	30,449	15,634	14,745	70	1,060	13,453	14,266	2,239	491
1865, . . . . .	1,267,031	30,249	15,623	14,554	72	1,073	13,276	14,130	2,406	437
1866, . . . . .	1,302,995	34,055	17,394	16,603	88	1,047	15,014	15,989	2,798	284
1867, . . . . .	1,339,979	35,062	17,859	17,140	63	1,042	14,697	16,911	3,087	367
1868, . . . . .	1,378,012	36,193	18,571	17,574	48	1,056	15,370	16,995	3,335	493
1869, . . . . .	1,417,124	36,141	18,606	17,500	35	1,063	15,100	17,229	3,558	254
1870, . . . . .	1,457,351	38,259	19,203	18,434	22	1,074	15,563	18,339	4,043	314
1871, . . . . .	1,494,337	39,791	20,289	19,488	14	1,041	15,797	19,120	4,414	460
1872, . . . . .	1,532,260	43,235	22,140	21,066	29	1,051	16,922	21,112	4,864	337
1873, . . . . .	1,571,142	44,481	22,974	21,485	22	1,069	17,647	21,293	5,201	340
1874, . . . . .	1,611,016	45,631	23,657	21,958	16	1,077	17,508	21,807	5,708	608
1875, . . . . .	1,651,912	43,996	22,457	21,513	26	1,044	17,314	20,289	5,829	564
1876, . . . . .	1,677,351	42,149	21,705	20,410	34	1,063	16,790	18,590	5,933	836
1877, . . . . .	1,703,182	41,850	21,466	20,375	9	1,053	16,897	18,071	6,074	808
1878, . . . . .	1,729,412	41,238	21,199	20,022	17	1,059	16,970	17,105	6,317	846
1879, . . . . .	1,756,043	40,295	20,658	19,623	14	1,054	16,768	16,298	6,398	831
1880, . . . . .	1,783,085	44,217	22,667	21,396	154	1,059	18,130	17,651	7,185	1,251
1881, . . . . .	1,813,818	45,220	23,014	22,069	137	1,043	18,218	18,169	7,386	1,447
1882, . . . . .	1,845,086	45,670	23,281	22,292	97	1,043	18,565	18,012	7,612	1,481
1883, . . . . .	1,876,895	47,285	24,388	22,875	22	1,066	18,412	19,188	8,169	1,516
1884, . . . . .	1,909,810	48,615	24,941	23,658	16	1,054	18,734	19,750	8,671	1,460
1885, . . . . .	1,942,141	48,790	25,053	23,716	21	1,056	18,822	19,733	8,872	1,363
1886, . . . . .	1,998,174	50,788	25,595	24,822	7	1,046	19,531	20,758	9,299	1,200
1887, . . . . .	2,055,821	53,174	27,245	25,915	14	1,052	20,207	22,781	9,878	308
1888, . . . . .	2,115,131	54,893	28,156	26,726	11	1,054	20,078	22,990	11,555	270
1889, . . . . .	2,176,153	57,075	29,017	28,042	16	1,036	20,260	24,760	11,763	292
1890, . . . . .	2,238,943	57,777	29,521	28,227	26	1,046	20,023	25,361	12,121	272
1891, . . . . .	2,288,911	63,004	32,532	30,434	38	1,068	21,325	28,097	13,230	352
1892, . . . . .	2,339,994	65,824	33,758	31,951	115	1,056	21,800	29,895	13,686	443
1893, . . . . .	2,392,217	67,192	34,328	32,829	35	1,046	21,788	31,448	13,669	287
1894, . . . . .	2,445,605	66,936	34,338	32,575	23	1,054	21,718	31,008	13,940	270
1895, . . . . .	2,500,183	67,545	34,623	32,905	17	1,052	21,851	31,628	13,847	219
1896, . . . . .	2,558,437	72,343	37,186	35,114	43	1,059	22,810	34,237	15,033	263
1897, . . . . .	2,618,048	73,205	37,689	35,489	27	1,062	23,824	35,256	13,918	207
1898, . . . . .	2,679,048	73,110	37,389	35,694	27	1,047	23,656	35,273	13,905	276
1899, . . . . .	2,741,470	70,457	36,199	34,258	-	1,057	22,409	34,238	13,604	206
1900, . . . . .	2,805,346	73,386	37,772	35,614	-	1,060	23,006	36,062	14,080	238
1901, . . . . .	2,849,047	71,976	37,004	34,972	-	1,058	22,516	35,370	13,847	243
1902, . . . . .	2,889,386	72,219	37,057	35,162	-	1,054	22,710	35,413	13,897	199
1903, . . . . .	2,929,725	73,584	38,210	35,374	-	1,080	22,941	36,346	14,174	123
1904, . . . . .	2,970,064	75,014	38,689	36,325	-	1,065	23,365	37,047	14,473	129
1905, . . . . .	3,015,872	75,022	38,844	36,538	-	1,080	23,785	37,085	14,021	131
1906, . . . . .	3,089,029	80,237	41,217	39,020	-	1,056	25,748	39,446	14,899	144
1907, . . . . .	3,162,186	85,001	43,486	41,515	-	1,047	26,561	43,004	15,324	112
1908, . . . . .	3,235,343	86,911	44,796	42,090	25	1,064	27,016	43,901	15,861	133
1909, . . . . .	3,308,500	84,039	43,339	40,679	21	1,061	26,525	42,596	14,785	133
1910, . . . . .	3,380,151	86,539	44,243	42,276	20	1,047	26,749	44,398	15,260	132
1911, . . . . .	3,446,079	88,327	45,352	42,961	14	1,056	27,390	45,741	15,054	142
1912, . . . . .	3,512,007	89,882	46,436	43,440	6	1,069	28,424	45,861	15,497	100
1913, . . . . .	3,577,935	91,644	47,099	44,541	4	1,057	29,387	46,737	15,430	90
1914, . . . . .	3,643,863	93,399	47,671	45,725	3	1,043	30,127	47,824	15,378	70
1915, . . . . .	3,709,792	93,155	47,786	45,363	6	1,053	31,325	46,347	15,401	82
1916, . . . . .	3,775,720	93,487	48,256	45,227	4	1,067	31,971	45,920	15,525	71
1917, . . . . .	3,841,648	95,751	49,017	46,714	-	1,049	34,129	45,753	15,786	63
1918, . . . . .	3,907,576	95,607	49,138	46,465	4	1,058	35,913	43,419	16,222	53
1919, . . . . .	3,835,614	87,827	44,713	43,113	1	1,037	33,295	39,194	15,302	36

## 26 MASSACHUSETTS VITAL STATISTICS — 1919. [P. D. No. 1.

Table 6	LIVE BIRTHS: 1851 to 1919.					STILLBIRTHS: 1851 to 1919.						
	YEARS.	Birth rate per 1,000 population.	Excess of births over deaths. <sup>1</sup>	Excess of births over deaths per 1000 population.	CASES OF PLURAL BIRTHS.		Total number.	Per 1,000 live births	SEX.			
					Twins.	Triplet-lets.			Males.	Fe-males.	Un-known.	Males to 1,000 fe-males.
1851, . . .	28.1	9,727	9.5	248	6	527	19	134	83	310	1,614	
1852, . . .	28.5	11,320	10.9	291	4	598		264	210	124	1,257	
1853, . . .	28.8	10,619	9.9	255	5	568		278	178	112	1,562	
1854, . . .	29.0	10,583	9.6	290	7	558		245	175	138	1,394	
1855, . . .	29.0	12,047	10.6	290	4	725		350	236	139	1,483	
1856, . . .	29.9	13,711	11.9	306	4	695	22	384	232	79	1,655	
1857, . . .	30.2	14,040	12.0	365	3	739		420	228	91	1,842	
1858, . . .	29.0	13,715	11.5	340	2	747		378	251	118	1,506	
1859, . . .	29.3	14,666	12.0	353	2	739		379	256	104	1,480	
1860, . . .	29.3	12,983	10.6	330	7	1,062		582	359	121	1,621	
1861, . . .	28.6	11,360	9.1	366	3	1,017	28	532	398	87	1,337	
1862, . . .	25.9	9,301	7.4	265	—	974		520	363	91	1,433	
1863, . . .	24.2	2,563	2.0	303	5	903		485	353	65	1,374	
1864, . . .	24.2	1,696	1.4	294	3	856		503	290	63	1,734	
1865, . . .	23.9	4,097	3.3	288	5	859		467	317	75	1,473	
1866, . . .	23.2	10,448	5.0	351	2	1,046	29	545	410	91	1,329	
1867, . . .	26.2	12,289	9.2	333	5	1,007		551	392	64	1,406	
1868, . . .	26.3	10,590	7.7	352	6	1,050		575	409	66	1,406	
1869, . . .	25.5	10,087	7.1	339	6	1,094		617	412	65	1,498	
1870, . . .	26.3	10,930	7.5	344	3	1,019		573	389	57	1,473	
1871, . . .	26.6	11,848	7.9	362	5	1,390	29	790	520	80	1,519	
1872, . . .	28.2	8,216	5.3	375	3	1,283		733	487	63	1,505	
1873, . . .	28.3	10,569	6.7	407	5	1,246		715	455	76	1,571	
1874, . . .	28.3	13,744	9.7	400	4	1,469		853	551	65	1,548	
1875, . . .	26.6	9,018	4.9	380	3	1,374		789	517	68	1,526	
1876, . . .	25.1	8,963	5.3	345	4	1,274	29	743	475	56	1,564	
1877, . . .	24.6	10,508	6.2	398	5	1,254		710	474	70	1,498	
1878, . . .	23.9	9,935	5.8	397	7	1,261		672	489	100	1,374	
1879, . . .	23.0	8,494	4.9	353	1	1,261		695	473	93	1,469	
1880, . . .	24.8	8,925	5.0	381	3	1,297		710	513	74	1,384	
1881, . . .	24.9	8,762	4.8	389	9	1,466	33	794	585	87	1,357	
1882, . . .	24.8	8,885	4.9	417	5	1,485		807	602	76	1,340	
1883, . . .	25.1	9,537	5.0	394	5	1,589		880	594	115	1,481	
1884, . . .	25.5	11,625	6.5	432	5	1,628		906	655	67	1,383	
1885, . . .	25.1	10,696	5.5	376	4	1,589		885	637	67	1,389	
1886, . . .	25.4	13,544	6.8	453	5	1,796	35	1,011	700	85	1,444	
1887, . . .	25.9	12,411	6.1	451	6	1,794		1,035	726	33	1,426	
1888, . . .	26.0	12,796	6.1	434	2	1,943		1,131	749	63	1,510	
1889, . . .	26.2	15,298	7.0	547	3	2,021		1,158	768	95	1,508	
1890, . . .	25.8	14,249	6.4	502	4	2,099		1,181	832	86	1,419	
1891, . . .	27.5	17,819	7.8	618	7	2,222	37	1,310	829	83	1,580	
1892, . . .	28.1	17,062	7.2	572	8	2,293		1,370	845	78	1,621	
1893, . . .	28.1	18,108	7.6	610	9	2,444		1,420	921	103	1,542	
1894, . . .	27.4	20,145	8.3	646	8	2,353		1,424	854	75	1,668	
1895, . . .	27.0	20,005	8.0	736	9	2,367		1,423	892	52	1,595	
1896, . . .	28.3	22,962	9.0	719	10	2,615	37	1,424	854	75	1,668	
1897, . . .	28.0	25,786	9.9	768	3	2,652		1,636	1,005	11	1,628	
1898, . . .	27.3	26,349	9.8	706	3	2,728		1,680	1,033	15	1,626	
1899, . . .	25.7	22,747	8.3	756	9	2,649		1,593	1,034	22	1,541	
1900, . . .	26.2	22,230	8.0	814	4	2,873		1,694	1,128	51	1,502	
1901, . . .	25.3	23,701	8.4	726	9	2,682	37	1,415	1,208	59	1,171	
1902, . . .	25.0	24,728	8.6	728	7	2,836		1,696	1,098	42	1,545	
1903, . . .	25.1	24,530	8.4	850	11	2,635		1,533	1,014	88	1,512	
1904, . . .	25.3	26,532	9.0	834	4	2,846		1,614	1,162	70	1,389	
1905, . . .	24.9	24,536	8.2	803	14	2,618		1,515	1,043	60	1,314	
1906, . . .	26.0	29,613	9.6	878	10	2,760	36	1,586	1,134	40	1,452	
1907, . . .	26.9	30,767	9.7	928	10	3,079		1,757	1,274	48	1,379	
1908, . . .	26.9	35,123	10.9	965	6	3,179		1,863	1,278	38	1,457	
1909, . . .	25.4	32,803	9.9	881	4	3,102		1,834	1,219	49	1,505	
1910, . . .	25.6	32,132	9.5	940	17	3,158		1,829	1,263	66	1,448	
1911, . . .	25.6	35,265	10.2	915	14	3,280	35	1,825	1,408	47	1,296	
1912, . . .	25.6	37,482	10.7	996	8	3,188		1,871	1,263	29	1,456	
1913, . . .	25.6	38,242	10.7	996	13	3,175		1,872	1,275	28	1,468	
1914, . . .	25.6	40,426	11.1	1,008	15	3,349		1,936	1,369	44	1,414	
1915, . . .	25.2	40,045	10.8	952	9	3,161		1,815	1,312	34	1,383	
1916, . . .	24.8	37,121	9.9	942	13	3,300	36	1,916	1,334	50	1,436	
1917, . . .	24.9	39,103	10.2	1,065	7	3,324		1,937	1,330	57	1,456	
1918, . . .	24.5	16,765	4.3	1,054	10	3,779		2,173	1,570	36	1,384	
1919, . . .	22.9	35,482	9.3	986	7	3,092		1,750	1,332	10	1,314	

<sup>1</sup> Exclusive of stillbirths.

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## II

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# MARRIAGE STATISTICS

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## II.

### MARRIAGE STATISTICS.

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#### INTRODUCTION.

*Marriage Registration.* — It is interesting to know that from 1841 to 1919, inclusive, 1,439,961 marriages have been reported, recorded and tabulated in this Commonwealth.

These records are not only on file in the cities and towns in which they occurred and in the city or town claimed as the residence of the bride or groom at the time of marriage, but also at the State House. All marriages recorded at the State House are indexed in alphabetical lists of five-year periods for both the bride and the groom, and are easily accessible to the public at any time during office hours.

*Accuracy.* — The registration of marriages presents fewer difficulties than either births or deaths, and the marriage statistics in this volume should be based on nearly 100 per cent registration.

Only a minimum of error should creep into the registration of marriages, as the facts required to be recorded are made under oath by one or both of the contracting parties before a city or town clerk or registrar or his representative. Copies of records transmitted to the Division of Vital Statistics at the State House are, of course,

subject to error in copying, but even this source of error is minimized by a very careful examination, and, when possible, by comparison with similar records from different cities and towns by the experts employed in the Division of Vital Statistics.

*Source of Data.* — The marriage statistics presented in this report are compiled from the certified copies of the records of marriages recorded in each city and town and transmitted annually to the Secretary of the Commonwealth. The original information from which marriage statistics are derived is obtained as follows: Persons who desire to be married in this Commonwealth are required by law to file their intentions in the office of the city clerk or registrar of the city or town in which they respectively dwell, or, if they do not dwell within this Commonwealth, in the office of the clerk or registrar of the city or town in which they propose to have the marriage solemnized. This notice of intention must be entered in the clerk's office not less than five days before their marriage. On or after the fifth day from the date of the entry of such intention, the clerk or registrar delivers to the parties a certificate of intention signed by him, specifying all facts relative to the marriage which are required by law to be ascertained and recorded, namely, the date of the record, the date of the marriage, the place of the marriage, the names and places of birth of the parties to be married, the residence of each, the age and color of each, the number of the marriage (as the first or second), and, if previously married, whether widowed or divorced, the occupation of each, the names of their parents, and the maiden names of the mothers. If the woman is a widow or divorced, her maiden name is also given.

Such certificate of intention must be delivered to the minister or magistrate before whom the marriage is to be contracted before he proceeds to solemnize the same. Every official authorized by law to solemnize a marriage is required to make and keep a record of each marriage solemnized by him and of all facts relative to the marriage which are required to be recorded by law.

In addition he is required, between the first and tenth days of the month following each marriage solemnized by him, to return a certificate of marriage, completely filled out, not only to the clerk or registrar of the city or town in which the marriage was solemnized, but also to the clerk or registrar of the city or town given as the domicile of each of the contracting parties.



Each certificate and copy so returned must contain a statement giving the place and date of marriage, attested by the signature of the person who solemnized the same. The clerk or registrar of each city or town is required to record marriages and transmit annually to the Secretary of the Commonwealth certified copies of the records of all marriages recorded.

*Purpose.* — Marriage registration is maintained largely to protect the home and the family, and to furnish reliable evidence upon which to base the legitimacy of children and the dower rights of women. Every precaution has been taken by the Commonwealth to see that all statutes relative to the solemnizing and registry of marriages are strictly enforced. In order that ministers and magistrates authorized to solemnize marriages may thoroughly understand the legal requirements both before and after solemnizing a marriage, the following pertinent facts relative to the law requirements have been condensed by the office of the Secretary of the Commonwealth, printed in circular form and distributed as widely as possible throughout the State: —

#### REQUIREMENTS BEFORE SOLEMNIZING A MARRIAGE.

Certificates of intention of marriage, as follows: —

1. If both parties reside in one city or town within the State, a certificate from the clerk or registrar of such city or town;
2. If the parties reside in different places within the State, a certificate from each of the two places;
3. If one of the parties resides within the State and the other without, a certificate from such place within the State;
4. If both parties reside without the State, a certificate from the place (city or town) where the marriage is to be solemnized;
5. Any certificate of intention of marriage is void if not used within six months of date of issue, or if it contains any unauthorized erasures or corrections.

#### REQUIREMENTS AFTER SOLEMNIZING A MARRIAGE.

General Laws, chapter 207, section 40, states: "Every justice of the peace, minister, etc., shall make and keep a record of each marriage solemnized by him . . . , and of all facts relative to the marriage required to be recorded by the provisions of General Laws, chapter 46, section 1."

The marriage certificate blanks, Forms R-101, 102 and 103, supplied by the Commonwealth, copies of which can be obtained from any clerk or registrar in the State, are designed to cover the minimum requirements of General Laws, chapter 46, section 1. If a copy of the marriage intention, completely filled out, or a record book, setting forth all the information given on same, is kept,

the provisions of the law will be fulfilled. No less information will answer the requirements of law.

General Laws, chapter 207, section 40, states in substance that every justice of the peace, minister, etc., shall, between the first and tenth days of the month following each marriage solemnized by him, return a certificate of marriage completely filled out, not only to the clerk or registrar of the city or town in which the marriage was solemnized but also to the clerk or registrar of the city or town given as the domicile of each of the contracting parties.

In other words, each certificate of intention of marriage must be returned, properly endorsed, by the person officiating, to the clerk or registrar issuing same, and in addition, if the marriage is solemnized in some city or town other than that issuing certificate of intention, he shall make a return to that place.

*Number of Marriages and Marriage Rates.* — Marriages solemnized in Massachusetts during 1919 numbered 34,329, corresponding to a rate of 17.9 persons married per 1,000 population at all ages. This rate is 3 above the rate for 1918, .3 above the average rate (17.6) for the decade 1909 to 1918, and .1 below the average for the fifty-year period 1870 to 1919. The number of marriages solemnized in 1919 was 5,166, or 17.7 per cent more than the number in 1918. The number of persons married per 1,000 population during the sixty-nine years, 1851 to 1919, has ranged between a maximum of 24.8 in 1854 and a minimum of 14.9 in 1878 and 1918. The average annual rate for the period 1870 to 1919 is 18. In 1919 the marriage rate for males was 18.2 per 1,000 male population. The rate for females was 17.6 per 1,000 female population. Corresponding rates for 1918 were 15.2 and 14.6.

*Place of Marriage.* — Boston had the highest marriage rate (21.7) of any city having over 100,000 inhabitants, followed by Lowell with 21.5; Fall River, 21.4; New Bedford, 20.8; Cambridge, 20.7; Springfield, 19.8; and Worcester, 17.6.

It is a noticeable feature that the marriage rates in the large cities run considerably larger than the rate throughout the State. It was thought that this might be accounted for in a measure by the natural tendency of people to go to the larger cities for marriage purposes, but this theory is found to be partially untrue, at least, by an examination of the new part added to Table 7, giving the residence of the contracting parties.

It will be noted that 4,155 couples (12.1 per cent of the total marriages) were married in cities and towns in the Commonwealth in which neither the bride nor the groom claimed residence. The seven cities previously mentioned as having the highest marriage

rates reported a total of 15,830 marriages, or 46 per cent of the total number in the entire State. Of these, 1,687 (10.6 per cent) were between couples neither of whom gave the place of marriage as their residence.

Springfield shows the highest percentage of such marriages, 14.2, with Cambridge second, 14, and Boston third, 13. Eliminating from the seven cities having the highest marriage rates all marriages in which neither of the contracting parties is a resident of the place in which the marriage was solemnized would still leave these cities with a combined marriage rate of 18.6, *i.e.*, .7 higher than the average throughout the State.

*Age at Marriage.* — One out of every three persons married was between the ages of 20 and 25 years, — 32.5 per cent of the grooms and 40.1 per cent of the brides. In 19.1 per cent of the marriages both parties were between 20 and 25 years of age; 14.6 per cent were between males 25 to 29 years of age and females 20 to 24 years of age; 9.9 per cent between males 20 to 24 years of age and females under 20 years of age. Under the age of 20 years there were 961 grooms, or 2.8 per cent of all men married, and 5,483 brides, or 16 per cent of all the women married. At the other extreme of life, above 60 years, 415 men were married, or 1.2 per cent, and 138 women were married, or .4 per cent.

The following table shows the number of children under 20 years of age married in 1919: —

SEX.	CHILDREN UNDER 20 YEARS OF AGE MARRIED IN 1919.							
	Total.	13 years.	14 years.	15 years.	16 years.	17 years.	18 years.	19 years.
Grooms, . . . . .	961	—	—	—	12	68	274	607
Brides, . . . . .	5,483	3	19	82	358	801	1,865	2,355

*First Marriages and Remarriages.* — Marriages between bachelors and maids form 80.2 per cent of 34,329 marriages which took place in 1919; marriages between widowers and maids form 7.9 per cent; marriages between bachelors and widows, 5.7 per cent; and marriages between widowers and widows, 6.2 per cent. There were 949 divorced men remarried in 1919, or 2.8 of the total number of marriages, and approximately one-fifth (19.6) of the men remarrying were divorced; 1,221 divorced women were remarried, 3.6 per cent

of the total number of marriages, and 30 per cent of the women remarrying were divorcees.

Eighteen and six-tenths per cent of the marriages between bachelors and maids were between those of 20 to 24 years of age; 13.7 per cent were between bachelors 25 to 29 years of age and maids 20 to 24 years of age; 9.7 per cent were between bachelors 20 to 24 years of age and maids under 20 years of age.

Thirty-seven and three-tenths per cent of the bachelors and 44.3 per cent of the maids who were married in 1919 were 20 to 24 years of age; 18 per cent of the widowers who were married in 1919 were between 35 to 39 years of age, as compared with 18.3 per cent of the widows.

One-fifth (20.1 per cent) of the widowers who married maids were 30 to 34 years of age, while 24.9 per cent of the maids who married widowers were 25 to 29 years of age. The largest number of marriages between widowers and maids (548, or 20.1 per cent) was between widowers 30 to 34 years of age and maids 25 to 29 years of age.

Twenty-six and one-tenth per cent of the bachelors who married widows were 25 to 29 years of age, as compared with 26.5 per cent of the widows who married bachelors. The largest number of marriages between bachelors and widows (227, or 11.7 per cent) was between bachelors 25 to 30 years of age and widows 25 to 29 years of age.

About one-sixth (16 per cent) of the widowers who married widows were 45 to 49 years of age, and 18.3 per cent of the widows who married widowers were 35 to 39 years of age. The largest number of marriages between widowers and widows (109, or 5.9 per cent) was between widowers 40 to 44 years of age and widows 35 to 39 years of age.

Eighty-five and nine-tenths per cent of the men who were married in 1919 were married for the first time; 4,533, or 13.2 per cent, were married for the second time; 295, or .9 per cent, for the third time; 19 were married for the fourth time; and 1 was married for the fifth time. Eighty-eight per cent of the women who were married in 1919 were maids; 3,863, or 11.3 per cent, were married for the second time; 199, or .6 per cent, were married for the third time; 7 were married for the fourth time; and 1 for the fifth time.

*Nativity of Persons Married.* — The bride and groom were both native in 54.8 per cent of the marriages solemnized in 1919; in 23.9



per cent of the marriages both parties were foreign born; in 11.6 per cent the groom was foreign-born and the bride native; and in 9.9 per cent the groom was native and the bride foreign-born.

*Months in which Marriages were solemnized.* — The most popular month for marriage is June. In 1919, 4,890, or 14.2 per cent of all marriages, were solemnized in that month. The month showing the second largest total was October, 4,222, with November third, 4,047.

Only 9,955 marriages were solemnized during the first five months of 1919, as against 17,169 during the last five. Over one-third of the entire number of marriages for the year occurred during the months of September, October and November, and 22,059 (64.3 per cent) of the total number of marriages were solemnized during the summer and fall months, June to November, inclusive.

*Daily Averages of Marriages.* — The average daily marriages for the year totaled 94, an increase of 14 over the average in 1918. While some 5,166 more marriages were reported in 1919 than in 1918, the daily averages for 1919 were less by nearly 5 for the first five months than in 1918.

The daily averages for October and November (136 and 135) were much larger than in 1918 and the highest ever recorded for those months. Although fewer marriages were solemnized during 1919 than in the two years having the largest previous grand totals, 1917 and 1916, the daily average for the last six months of 1919 is greater than for either of these years. This increase is particularly noticeable in the last quarter.

YEARS.	AVERAGE DAILY NUMBER OF MARRIAGES: 1917, 1918 AND 1919.												
	The year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1917, . . .	104	83	89	39	130	96	185	99	93	112	119	120	85
1918, . . .	80	78	72	48	89	72	137	78	86	98	72	79	51
1919, . . .	94	60	69	50	78	72	163	76	95	120	136	135	75
	INCREASE IN 1919 AS COMPARED WITH 1918.												
Number, . . .	14	18 <sup>1</sup>	3 <sup>1</sup>	2	11 <sup>1</sup>	—	26	2 <sup>1</sup>	9	22	64	56	24
Per cent, . . .	17.5	23.1 <sup>1</sup>	4.2 <sup>1</sup>	4.2	12.4 <sup>1</sup>	—	19.0	2.6 <sup>1</sup>	10.5	22.4	88.9	70.9	47.1

<sup>1</sup> Denotes decrease.

## STATISTICAL TABLES.

Table 7

Table 7  COUNTIES AND MU- NICIPALITIES. <sup>1</sup>	MARRIAGES, CLASSIFIED BY NATIVITY OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.					MARRIAGES, CLASSIFIED BY RESIDENCE OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.			
	Total couples.	NATIVITY.				Groom and bride resi- dents.	Groom a resi- dent.	Bride a resi- dent.	Groom and bride non- residents
		BRIDE AND GROOM BOTH —		Native groom and foreign bride.	Foreign groom and native bride.				
		Native.	For- eign.						
<b>The State.</b>	<b>34,329</b>	<b>18,806</b>	<b>8,152</b>	<b>3,387</b>	<b>3,984</b>	<b>20,496</b>	<b>1,791</b>	<b>7,887</b>	<b>4,155</b>
COUNTIES.									
Barnstable, . . . . .	219	150	20	22	27	104	13	53	49
Berkshire, . . . . .	875	616	118	60	81	527	45	197	106
Bristol, . . . . .	3,440	1,620	1,047	334	439	2,446	102	574	318
Dukes, . . . . .	33	17	3	4	9	12	2	8	11
Essex, . . . . .	4,333	2,389	972	467	505	2,648	235	996	454
Franklin, . . . . .	382	297	40	23	22	179	29	95	79
Hampden, . . . . .	2,540	1,431	594	198	317	1,580	144	536	280
Hampshire, . . . . .	560	349	115	36	60	304	16	186	54
Middlesex, . . . . .	6,466	3,829	1,260	702	675	3,202	391	2,004	869
Nantucket, . . . . .	18	13	—	2	3	9	1	3	5
Norfolk, . . . . .	1,562	918	309	164	171	673	103	558	228
Plymouth, . . . . .	1,267	820	204	106	137	720	80	292	175
Suffolk, . . . . .	8,868	4,135	2,678	973	1,082	5,675	496	1,532	1,165
Worcester, . . . . .	3,766	2,222	792	296	456	2,417	134	853	362
MUNICIPALITIES.									
Abington, . . . . .	42	37	—	1	4	10	4	23	5
Acton, . . . . .	9	6	—	—	3	2	1	3	3
Acushnet, . . . . .	24	11	6	3	4	—	1	7	16
Adams, . . . . .	123	65	25	15	18	71	7	39	6
Agawam, . . . . .	24	19	—	—	5	8	3	5	8
Alford, . . . . .	1	—	—	1	—	—	1	—	—
Amesbury, . . . . .	88	63	6	11	8	42	13	24	9
Amherst, . . . . .	43	39	4	—	—	21	2	14	6
Andover, . . . . .	78	46	9	8	15	44	2	19	13
Arlington, . . . . .	124	83	17	11	13	38	9	54	23
Ashburnham, . . . . .	10	7	2	—	1	4	—	3	3
Ashby, . . . . .	6	6	—	—	—	1	1	—	4
Ashfield, . . . . .	5	5	—	—	—	2	—	2	1
Ashland, . . . . .	12	9	1	1	1	2	—	8	2
Athol, . . . . .	97	69	15	8	5	65	4	19	9
ATTLEBORO, . . . . .	215	144	25	18	28	93	5	43	74
Auburn, . . . . .	28	25	1	—	2	11	1	14	2
Avon, . . . . .	18	14	1	—	3	7	1	10	—
Ayer, . . . . .	58	46	2	5	5	14	25	4	15
Barnstable, . . . . .	34	23	1	5	5	19	1	6	8
Barre, . . . . .	16	8	4	1	3	8	1	5	2
Becket, . . . . .	2	2	—	—	—	—	1	1	—
Bedford, . . . . .	6	5	—	1	—	1	—	2	3
Belchertown, . . . . .	14	7	4	—	3	6	—	2	6
Bellingham, . . . . .	5	3	2	—	—	3	—	2	—
Belmont, . . . . .	75	37	18	9	11	18	2	30	25
Berkley, . . . . .	3	3	—	—	—	1	1	—	1
Berlin, . . . . .	5	4	—	—	1	4	1	—	—
Bernardston, . . . . .	6	6	—	—	—	3	1	—	2
BEVERLY, . . . . .	163	92	28	23	20	97	10	42	14

<sup>1</sup> Cities are printed in small capitals.

Table 7

Table 7	MARRIAGES, CLASSIFIED BY NATIVITY OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.					MARRIAGES, CLASSIFIED BY RESIDENCE OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.				
	Municipalities. <sup>1</sup>	Total couples.	NATIVITY.				Groom and bride resi- dents.	Groom a resi- dent.	Bride a resi- dent.	Groom and bride non- resi- dents.
			BRIDE AND GROOM BOTH —		Native groom and foreign bride.	Foreign groom and native bride.				
			Native.	For- eign.						
Billerica, . . . . .	33	25	2	4	2	14	1	14	4	
Blackstone, . . . . .	33	19	9	2	3	13	4	11	5	
Blandford, . . . . .	7	5	—	—	—	2	1	3	1	
Bolton, . . . . .	1	1	—	—	—	1	—	—	—	
Boston, . . . . .	8,122	3,812	2,427	888	995	5,298	443	1,321	1,060	
Bourne, . . . . .	20	11	1	1	7	10	1	2	7	
Boxborough, . . . . .	—	—	—	—	—	—	—	—	—	
Boxford, . . . . .	5	5	—	—	—	1	1	1	2	
Boylston, . . . . .	2	—	1	1	—	1	—	—	1	
Braintree, . . . . .	52	28	6	6	12	18	4	21	9	
Brewster, . . . . .	6	5	—	—	1	3	2	—	1	
Bridgewater, . . . . .	47	28	11	4	4	26	4	12	5	
Brimfield, . . . . .	2	2	—	—	—	1	—	—	1	
Brockton, . . . . .	609	367	120	54	68	406	30	121	52	
Brookfield, . . . . .	18	16	—	—	2	7	1	7	3	
Brookline, . . . . .	369	181	119	49	20	87	16	180	86	
Buckland, . . . . .	21	18	—	2	1	2	4	5	10	
Burlington, . . . . .	3	1	—	—	2	1	—	2	—	
CAMBRIDGE, . . . . .	1,132	606	290	121	115	555	83	335	159	
Canton, . . . . .	27	19	5	—	3	14	1	10	2	
Carlisle, . . . . .	3	3	—	—	—	1	—	2	—	
Carver, . . . . .	7	3	3	1	—	4	—	1	2	
Charlemont, . . . . .	6	6	—	—	—	2	—	2	2	
Charlton, . . . . .	14	10	—	—	4	6	—	7	1	
Chatham, . . . . .	16	13	1	2	—	9	1	4	2	
Chelmsford, . . . . .	44	29	5	7	3	9	1	14	20	
CHELSEA, . . . . .	413	151	131	46	35	216	33	94	70	
Cheshire, . . . . .	8	6	—	—	2	3	—	3	2	
Chester, . . . . .	5	2	—	—	3	1	—	1	3	
Chesterfield, . . . . .	1	1	—	—	—	1	—	—	—	
CHICOPEE, . . . . .	283	137	81	20	45	178	12	79	14	
Chilmark, . . . . .	1	1	—	—	—	1	—	—	—	
Clarksburg, . . . . .	1	—	—	—	1	1	—	—	—	
Clinton, . . . . .	138	81	34	8	15	75	2	49	12	
Cohasset, . . . . .	32	21	4	3	4	8	2	11	11	
Colrain, . . . . .	11	11	—	—	—	6	—	5	—	
Concord, . . . . .	53	34	7	5	7	22	4	19	8	
Conway, . . . . .	1	1	—	—	—	—	—	1	—	
Cummington, . . . . .	3	3	—	—	—	—	—	1	2	
Dalton, . . . . .	17	15	1	1	—	7	—	7	3	
Dana, . . . . .	6	4	—	1	1	2	1	2	1	
Danvers, . . . . .	61	45	8	4	4	28	4	25	4	
Dartmouth, . . . . .	10	7	2	1	—	2	1	5	2	
Dedham, . . . . .	64	42	6	4	12	28	6	24	6	
Deerfield, . . . . .	23	10	10	2	1	7	3	5	8	
Dennis, . . . . .	13	11	1	—	1	6	1	4	2	
Dighton, . . . . .	18	9	4	3	2	8	2	5	3	
Douglas, . . . . .	9	8	1	—	—	5	—	3	1	
Doyer, . . . . .	6	5	1	—	—	2	—	4	—	
Dracut, . . . . .	10	7	2	1	—	—	—	7	3	
Dudley, . . . . .	3	—	2	1	—	1	—	—	2	
Dunstable, . . . . .	2	2	—	—	—	—	—	1	1	
Duxbury, . . . . .	11	8	1	—	2	5	1	4	1	
East Bridgewater, . . . . .	25	19	3	1	2	9	6	6	4	
East Longmeadow, . . . . .	10	9	—	—	1	4	—	2	4	

<sup>1</sup> Cities are printed in small capitals.

Table 7

Table 7	MARRIAGES, CLASSIFIED BY NATIVITY OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.					MARRIAGES, CLASSIFIED BY RESIDENCE OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.				
	MUNICIPALITIES. <sup>1</sup>	Total couples.	NATIVITY.				Groom and bride resi- dents.	Groom a resi- dent.	Bride a resi- dent.	Groom and bride non- resi- dents.
			BRIDE AND GROOM BOTH —		Native groom and foreign bride.	Foreign groom and native bride.				
			Native.	For- eign.						
Eastham, . . . . .	5	5	—	—	—	1	—	3	1	
Easthampton, . . . . .	123	55	42	8	18	89	2	28	4	
Easton, . . . . .	38	22	8	3	5	19	2	10	7	
Edgartown, . . . . .	4	2	—	1	1	1	—	2	1	
Egremont, . . . . .	2	2	—	—	—	1	—	1	—	
Enfield, . . . . .	4	3	—	—	1	—	—	2	2	
Erving, . . . . .	6	6	—	—	—	1	—	4	1	
Essex, . . . . .	18	15	—	2	1	2	—	2	14	
EVERETT, . . . . .	295	179	48	33	35	138	17	100	40	
Fairhaven, . . . . .	44	30	7	3	4	14	3	21	6	
FALL RIVER, . . . . .	1,296	629	371	132	164	972	23	213	88	
Falmouth, . . . . .	29	20	5	1	3	17	1	8	3	
FITCHBURG, . . . . .	460	193	165	47	55	277	11	105	67	
Florida, . . . . .	—	—	—	—	—	—	—	—	—	
Foxborough, . . . . .	25	19	2	3	1	9	2	7	7	
Frammingham, . . . . .	141	90	29	16	6	68	7	46	20	
Franklin, . . . . .	51	29	11	3	8	25	6	14	6	
Freetown, . . . . .	4	4	—	—	—	3	1	—	—	
Gardner, . . . . .	114	70	24	7	13	69	8	26	11	
Gay Head, . . . . .	—	—	—	—	—	—	—	—	—	
Georgetown, . . . . .	23	20	—	1	2	6	—	8	9	
Gill, . . . . .	4	4	—	—	—	2	—	2	—	
GLOUCESTER, . . . . .	202	126	31	18	27	140	8	32	22	
Goshen, . . . . .	3	2	—	1	—	—	—	1	2	
Gosnold, . . . . .	1	1	—	—	—	1	—	—	—	
Grafton, . . . . .	39	27	5	2	5	23	—	14	2	
Granby, . . . . .	3	3	—	—	—	—	—	2	1	
Granville, . . . . .	4	3	—	—	1	1	1	2	—	
Great Barrington, . . . . .	39	27	9	1	2	25	1	8	5	
Greenfield, . . . . .	146	114	13	9	10	89	9	24	24	
Greenwich, . . . . .	—	—	—	—	—	—	—	—	—	
Groton, . . . . .	14	11	1	1	1	2	—	7	5	
Groveland, . . . . .	10	8	1	1	—	2	—	5	3	
Hadley, . . . . .	11	5	4	—	2	6	2	3	—	
Halifax, . . . . .	5	4	—	1	—	1	1	1	2	
Hamilton, . . . . .	3	2	—	—	1	2	—	—	1	
Hampden, . . . . .	2	2	—	—	—	1	—	1	—	
Hancock, . . . . .	1	1	—	—	—	—	—	1	—	
Hanover, . . . . .	14	11	—	1	2	4	2	3	5	
Hanson, . . . . .	10	8	—	2	—	4	3	3	—	
Hardwick, . . . . .	17	8	7	1	1	6	1	9	1	
Harvard, . . . . .	7	6	—	—	1	3	—	3	—	
Harwich, . . . . .	18	12	2	1	3	5	1	8	4	
Hatfield, . . . . .	14	8	5	—	1	8	—	5	1	
HAVERHILL, . . . . .	455	295	77	32	51	331	19	77	28	
Hawley, . . . . .	—	—	—	—	—	—	—	—	—	
Heath, . . . . .	1	1	—	—	—	—	—	1	—	
Hingham, . . . . .	49	31	5	10	3	24	5	8	12	
Hinsdale, . . . . .	9	8	—	—	1	2	—	1	6	
Holbrook, . . . . .	16	14	—	1	1	6	4	6	—	
Holden, . . . . .	14	12	—	1	1	5	2	6	1	
Holland, . . . . .	3	3	—	—	—	1	1	1	—	
Holliston, . . . . .	17	14	—	2	1	7	1	7	2	
HOLYOKE, . . . . .	537	283	132	51	71	377	15	127	18	
Hopedale, . . . . .	8	4	1	—	3	4	—	2	2	

<sup>1</sup> Cities are printed in small capitals.



Table 7

Table 7  MUNICIPALITIES. <sup>1</sup>	MARRIAGES, CLASSIFIED BY NATIVITY OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.				MARRIAGES, CLASSIFIED BY RESIDENCE OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.				
	Total couples.	NATIVITY.		Native groom and foreign bride.	Foreign groom and native bride.	Groom and bride resi- dents.	Groom a resi- dent.	Bride a resi- dent.	Groom and bride non- resi- dents.
		BRIDE AND GROOM BOTH —							
		Native.	For- eign.						
Hopkinton, . . . . .	15	12	1	1	1	7	2	5	1
Hubbardston, . . . . .	4	3	—	—	1	4	—	—	—
Hudson, . . . . .	77	49	16	8	4	39	4	27	7
Hull, . . . . .	16	13	1	—	2	9	1	3	3
Huntington, . . . . .	7	5	—	—	2	1	—	3	3
Ipswich, . . . . .	63	17	36	7	3	41	—	15	7
Kingston, . . . . .	23	16	4	1	2	5	3	4	11
Lakeville, . . . . .	1	1	—	—	—	1	—	—	—
Lancaster, . . . . .	18	15	—	2	1	8	1	6	3
Lanesborough, . . . . .	4	3	—	1	—	1	1	2	—
LAWRENCE, . . . . .	1,030	387	389	118	136	724	52	178	76
Lee, . . . . .	32	29	2	—	1	14	—	6	12
Leicester, . . . . .	38	29	4	4	1	10	2	22	4
Lenox, . . . . .	19	11	2	2	4	7	2	9	1
LEOMINSTER, . . . . .	142	104	9	14	15	66	2	62	12
Leverett, . . . . .	4	2	—	—	2	1	—	3	—
Lexington, . . . . .	47	34	3	2	8	16	3	19	9
Leyden, . . . . .	1	—	—	1	—	1	—	—	—
Lincoln, . . . . .	—	—	—	—	—	—	—	—	—
Littleton, . . . . .	5	4	1	—	—	1	—	3	1
Longmeadow, . . . . .	10	7	2	—	1	1	1	6	2
LOWELL, . . . . .	1,206	539	355	166	146	901	53	200	52
Ludlow, . . . . .	52	25	11	5	11	26	3	21	2
Lunenburg, . . . . .	4	3	1	—	—	2	—	1	1
LYNN, . . . . .	1,036	592	195	129	120	660	56	210	80
Lynnfield, . . . . .	2	1	—	1	—	—	—	1	1
MALDEN, . . . . .	434	253	94	43	44	194	20	117	103
Manchester, . . . . .	9	6	—	3	—	3	1	4	1
Mansfield, . . . . .	38	27	3	3	5	20	2	11	5
Marblehead, . . . . .	33	22	1	5	5	12	2	12	7
Marion, . . . . .	9	7	—	—	2	2	2	3	2
MARLBOROUGH, . . . . .	121	105	5	3	8	65	3	42	11
Marshfield, . . . . .	10	8	—	1	1	5	1	1	3
Mashpee, . . . . .	1	1	—	—	—	1	—	—	—
Mattapoisett, . . . . .	4	3	1	—	—	1	—	3	—
Maynard, . . . . .	73	33	28	8	4	43	6	16	8
Medfield, . . . . .	22	12	5	3	2	14	2	4	2
MEDFORD, . . . . .	291	201	26	29	35	103	19	98	71
Medway, . . . . .	25	16	5	3	1	8	2	6	9
MELROSE, . . . . .	122	86	6	13	17	47	10	47	18
Mendon, . . . . .	1	1	—	—	—	1	—	—	—
Merrimac, . . . . .	8	5	1	—	2	3	—	3	2
METHUEN, . . . . .	109	68	13	15	13	40	7	35	27
Middleborough, . . . . .	69	56	4	3	6	37	3	17	12
Middlefield, . . . . .	1	—	—	1	—	1	—	—	—
Middleton, . . . . .	3	2	—	—	1	3	—	—	—
Milford, . . . . .	116	57	36	10	13	65	10	25	16
Millbury, . . . . .	33	24	1	—	8	18	1	8	6
Millis, . . . . .	4	4	—	—	—	1	—	2	1
Millville, . . . . .	11	8	1	1	1	6	1	3	1
Milton, . . . . .	22	17	2	—	3	7	—	12	3
Monroe, . . . . .	—	—	—	—	—	—	—	—	—
Monson, . . . . .	26	20	3	1	2	15	1	10	—
Montague, . . . . .	63	40	14	8	1	35	4	17	7
Monterey, . . . . .	1	1	—	—	—	1	—	—	—

<sup>1</sup> Cities are printed in small capitals.

Table 7	MARRIAGES, CLASSIFIED BY NATIVITY OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.				MARRIAGES, CLASSIFIED BY RESIDENCE OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.					
	MUNICIPALITIES. <sup>1</sup>	Total couples.	NATIVITY.		Groom and bride resi- dents.	Groom a resi- dent.	Bride a resi- dent.	Groom and bride non- resi- dents.		
			BRIDE AND GROOM BOTH —						Native groom and foreign bride.	Foreign groom and native bride.
			Native.	For- eign.						
Montgomery, . . . . .	—	—	—	—	—	—	—	—		
Mount Washington, . . . . .	—	—	—	—	—	—	—	—		
Nahant, . . . . .	8	8	—	—	1	—	5	2		
Nantucket, . . . . .	18	13	—	2	3	1	3	5		
Natick, . . . . .	85	60	10	9	6	40	11	28		
Needham, . . . . .	40	28	6	3	3	18	—	4		
New Ashford, . . . . .	—	—	—	—	—	—	—	—		
NEW BEDFORD, . . . . .	1,248	426	529	129	164	1,015	37	46		
New Braintree, . . . . .	2	1	—	—	1	—	—	2		
New Marlborough, . . . . .	3	3	—	—	—	1	1	1		
New Salem, . . . . .	3	3	—	—	—	—	—	3		
Newbury, . . . . .	13	12	—	—	1	3	2	3		
NEWBURYPORT, . . . . .	141	93	16	21	11	65	10	46		
NEWTON, . . . . .	319	201	55	40	23	120	16	143		
Norfolk, . . . . .	3	3	—	—	—	1	1	—		
NORTH ADAMS, . . . . .	209	153	22	15	19	129	11	46		
North Andover, . . . . .	50	29	7	7	7	22	5	18		
North Attleborough, . . . . .	98	66	11	8	13	50	3	24		
North Brookfield, . . . . .	16	13	1	—	2	10	—	5		
North Reading, . . . . .	4	4	—	—	—	1	2	—		
NORTHAMPTON, . . . . .	194	135	22	17	20	114	7	61		
Northborough, . . . . .	24	20	3	—	1	7	2	9		
Northbridge, . . . . .	81	39	14	12	16	53	3	22		
Northfield, . . . . .	16	14	—	—	2	3	3	6		
Norton, . . . . .	6	4	1	—	1	2	—	2		
Norwell, . . . . .	5	4	1	—	—	1	—	2		
Norwood, . . . . .	76	41	18	7	10	43	5	19		
Oak Bluffs, . . . . .	17	6	3	3	5	7	1	3		
Oakham, . . . . .	2	2	—	—	—	—	—	1		
Orange, . . . . .	43	35	3	1	4	21	3	8		
Orleans, . . . . .	15	13	—	2	—	6	1	4		
Otis, . . . . .	1	—	—	1	—	—	—	—		
Oxford, . . . . .	21	15	2	2	2	14	—	7		
Palmer, . . . . .	64	36	14	4	10	38	3	16		
Paxton, . . . . .	3	2	—	1	—	1	—	—		
PEABODY, . . . . .	147	72	52	13	10	73	8	57		
Pelham, . . . . .	2	2	—	—	—	1	—	—		
Pembroke, . . . . .	2	1	1	—	—	—	—	—		
Pepperell, . . . . .	16	12	1	1	2	7	—	5		
Peru, . . . . .	—	—	—	—	—	—	—	—		
Petersham, . . . . .	5	5	—	—	—	2	—	3		
Phillipston, . . . . .	—	—	—	—	—	—	—	—		
PITTSFIELD, . . . . .	339	235	54	22	28	240	15	54		
Plainfield, . . . . .	—	—	—	—	—	—	—	—		
Plainville, . . . . .	4	3	—	1	—	—	2	1		
Plymouth, . . . . .	101	37	32	16	16	68	3	20		
Plympton, . . . . .	—	—	—	—	—	—	—	—		
Prescott, . . . . .	1	1	—	—	—	—	—	—		
Princeton, . . . . .	5	5	—	—	—	3	—	1		
Provincetown, . . . . .	30	16	5	5	4	17	3	4		
QUINCY, . . . . .	419	216	90	53	60	257	29	94		
Randolph, . . . . .	30	24	—	1	5	13	1	15		
Raynham, . . . . .	3	3	—	—	—	3	—	—		
Reading, . . . . .	60	40	10	4	6	26	6	19		
Rehoboth, . . . . .	11	9	1	—	1	3	—	4		

<sup>1</sup> Cities are printed in small capitals.

Table 7

Table 7	MARRIAGES, CLASSIFIED BY NATIVITY OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.					MARRIAGES, CLASSIFIED BY RESIDENCE OF BRIDE AND GROOM, IN EACH COUNTY AND MUNICIPALITY: 1919.				
	Municipalities. <sup>1</sup>	Total couples.	NATIVITY.				Groom and bride resi- dents.	Groom a resi- dent.	Bride a resi- dent.	Groom and bride non- resi- dents.
			BRIDE AND GROOM BOTH —		Native groom and foreign bride.	Foreign groom and native bride.				
		Native.	For- eign.							
REVERE, . . . . .	239	110	56	24	49	123	10	79	27	
Richmond, . . . . .	5	4	—	—	1	3	—	1	1	
Rochester, . . . . .	3	2	—	—	1	—	—	2	1	
Rockland, . . . . .	60	48	4	3	5	29	4	23	4	
Rockport, . . . . .	37	27	5	3	2	14	5	8	10	
Rowe, . . . . .	—	—	—	—	—	—	—	—	—	
Rowley, . . . . .	7	6	—	—	1	1	—	3	3	
Royalston, . . . . .	4	3	1	—	—	2	—	1	1	
Russell, . . . . .	3	3	—	—	—	3	—	—	—	
Rutland, . . . . .	7	5	1	—	1	2	—	1	4	
SALEM, . . . . .	383	220	82	32	49	204	17	108	54	
Salisbury, . . . . .	15	15	—	—	—	4	—	4	7	
Sandisfield, . . . . .	—	—	—	—	—	—	—	—	—	
Sandwich, . . . . .	14	5	4	3	2	6	1	4	3	
Saugus, . . . . .	68	48	6	5	9	28	6	29	5	
Savoy, . . . . .	—	—	—	—	—	—	—	—	—	
Scituate, . . . . .	23	21	—	1	1	11	1	8	3	
Seekonk, . . . . .	14	12	—	1	1	2	2	5	5	
Sharon, . . . . .	5	3	—	1	1	1	—	4	—	
Sheffield, . . . . .	12	11	—	—	1	4	—	5	3	
Shelburne, . . . . .	8	8	—	—	—	3	1	3	1	
Sherborn, . . . . .	2	2	—	—	—	1	—	1	—	
Shirley, . . . . .	22	13	3	3	3	10	—	8	4	
Shrewsbury, . . . . .	11	11	—	—	—	4	—	5	2	
Shutesbury, . . . . .	—	—	—	—	—	—	—	—	—	
Somerset, . . . . .	29	21	6	—	2	9	1	16	3	
SOMERVILLE, . . . . .	678	426	102	68	82	286	38	277	77	
South Hadley, . . . . .	43	29	7	5	2	16	1	20	6	
Southampton, . . . . .	—	—	—	—	—	—	—	—	—	
Southborough, . . . . .	11	6	1	2	2	5	2	3	1	
Southbridge, . . . . .	144	85	23	11	25	114	3	22	5	
Southwick, . . . . .	5	3	—	1	1	4	—	—	1	
Spencer, . . . . .	63	55	—	4	4	32	1	26	4	
SPRINGFIELD, . . . . .	1,257	706	306	104	141	803	86	189	179	
Sterling, . . . . .	7	5	1	—	1	2	—	4	1	
Stockbridge, . . . . .	4	3	1	—	—	3	—	—	1	
Stoneham, . . . . .	67	57	4	4	2	31	2	25	9	
Stoughton, . . . . .	38	31	3	1	3	19	2	16	1	
Stow, . . . . .	5	4	1	—	—	4	—	—	1	
Sturbridge, . . . . .	9	9	—	—	—	4	2	2	1	
Sudbury, . . . . .	1	1	—	—	—	—	—	1	—	
Sunderland, . . . . .	4	4	—	—	—	—	—	1	3	
Sutton, . . . . .	13	6	6	1	—	9	—	4	—	
Swampscott, . . . . .	57	36	9	6	6	19	6	20	12	
Swansea, . . . . .	24	12	6	1	5	4	3	9	8	
TAUNTON, . . . . .	304	171	65	28	40	222	14	43	25	
Templeton, . . . . .	30	26	—	3	1	17	2	9	2	
Tewksbury, . . . . .	12	9	—	2	1	7	3	2	—	
Tisbury, . . . . .	9	6	—	—	3	2	1	3	3	
Tolland, . . . . .	—	—	—	—	—	—	—	—	—	
Topsfield, . . . . .	1	1	—	—	—	1	—	—	—	
Townsend, . . . . .	9	4	1	—	4	4	1	4	—	
Truro, . . . . .	4	3	—	1	—	2	—	1	1	
Tyngsborough, . . . . .	8	7	1	—	—	3	—	2	3	
Tyringham, . . . . .	—	—	—	—	—	—	—	—	—	

<sup>1</sup> Cities are printed in small capitals.

Table 7

MARRIAGES, CLASSIFIED BY  
NATIVITY OF BRIDE AND GROOM, IN EACH  
COUNTY AND MUNICIPALITY: 1919.MARRIAGES, CLASSIFIED BY  
RESIDENCE OF BRIDE AND  
GROOM, IN EACH COUNTY AND  
MUNICIPALITY: 1919.

MUNICIPALITIES. <sup>1</sup>	Total couples.	NATIVITY.							
		BRIDE AND GROOM BOTH —		Native groom and foreign bride.	Foreign groom and native bride.	Groom and bride resi- dents.	Groom a resi- dent.	Bride a resi- dent.	Groom and bride non- resi- dents.
		Native.	For- eign.						
Upton, . . . . .	12	10	1	—	1	6	—	4	2
Uxbridge, . . . . .	53	33	7	5	8	23	5	15	10
Wakefield, . . . . .	105	66	15	10	14	46	5	42	12
Wales, . . . . .	1	1	—	—	—	1	—	—	—
Walpole, . . . . .	35	21	6	3	5	17	2	10	6
WALTHAM, . . . . .	245	153	39	30	23	148	10	70	17
Ware, . . . . .	75	35	27	4	9	34	—	36	5
Wareham, . . . . .	45	29	9	2	5	29	2	6	8
Warren, . . . . .	26	15	7	3	1	15	—	7	4
Warwick, . . . . .	4	3	—	—	1	—	—	3	1
Washington, . . . . .	—	—	—	—	—	—	—	—	—
Watertown, . . . . .	173	107	37	15	14	60	11	58	44
Wayland, . . . . .	9	9	—	—	—	3	1	3	2
Webster, . . . . .	137	78	29	11	19	75	6	34	22
Wellesley, . . . . .	41	32	5	2	2	9	4	19	9
Wellfleet, . . . . .	6	4	—	1	1	—	—	2	4
Wendell, . . . . .	3	3	—	—	—	—	—	2	1
Wenham, . . . . .	4	4	—	—	—	—	1	1	2
West Boylston, . . . . .	6	5	—	—	1	2	—	4	—
West Bridgewater, . . . . .	7	3	2	1	1	3	—	1	3
West Brookfield, . . . . .	6	2	—	2	2	1	—	4	1
West Newbury, . . . . .	3	1	—	2	—	2	—	1	—
West Springfield, . . . . .	94	82	3	5	4	27	7	38	22
West Stockbridge, . . . . .	9	6	1	—	2	—	1	4	4
West Tisbury, . . . . .	1	1	—	—	—	—	—	—	1
Westborough, . . . . .	41	32	3	3	3	23	1	10	7
Westfield, . . . . .	150	82	42	7	19	88	10	34	18
Westford, . . . . .	10	7	2	1	—	4	1	5	—
Westhampton, . . . . .	4	4	—	—	—	2	1	1	—
Westminster, . . . . .	8	6	—	1	1	2	1	2	3
Weston, . . . . .	10	8	—	1	1	4	1	4	1
Westport, . . . . .	13	10	2	1	—	4	1	6	2
Westwood, . . . . .	4	1	—	3	—	1	2	1	—
Weymouth, . . . . .	115	81	11	12	11	51	9	42	13
Whately, . . . . .	3	3	—	—	—	1	1	1	—
Whitman, . . . . .	70	55	2	3	10	26	4	17	23
Wilbraham, . . . . .	1	1	—	—	—	—	—	1	—
Williamsburg, . . . . .	13	11	—	—	2	3	1	6	3
Williamstown, . . . . .	34	31	1	1	1	15	4	7	8
Wilmington, . . . . .	20	15	—	3	2	11	1	5	3
Winchendon, . . . . .	44	31	5	3	5	31	2	8	3
Winchester, . . . . .	73	51	6	9	7	17	6	37	13
Windsor, . . . . .	—	—	—	—	—	—	—	—	—
Winthrop, . . . . .	94	62	14	15	3	38	10	38	8
WOBURN, . . . . .	105	64	16	12	13	60	4	36	5
WORCESTER, . . . . .	1,569	881	364	121	203	1,188	50	228	103
Worthington, . . . . .	1	1	—	—	—	1	—	—	—
Wrentham, . . . . .	14	10	1	2	1	6	—	6	2
Yarmouth, . . . . .	8	8	—	—	—	2	—	3	3

<sup>1</sup> Cities are printed in small capitals.

Table 8

## MARRIAGES BY SEX, AGE AND MARITAL CONDITION: 1919.

AGE AT MARRIAGE.	Both sexes.	MALES.					FEMALES.				
		Total.	Single.	Widowed.	Divorced.	Unknown.	Total.	Single.	Widowed.	Divorced.	Unknown.
THE STATE.											
13 Years and Over.	68,658	34,329	29,481	3,893	949	6	34,329	30,259	2,841	1,221	8
Under 20 years, . . .	6,444	961	960	1	-	-	5,483	5,455	19	9	-
20 to 29 years, . . .	43,501	21,866	21,241	495	129	1	21,635	20,527	669	436	3
30 to 39 years, . . .	12,673	7,635	5,966	1,296	373	-	5,038	3,520	1,017	497	4
40 to 49 years, . . .	3,994	2,452	1,107	1,026	314	5	1,542	626	690	225	1
50 to 59 years, . . .	1,493	1,000	179	707	114	-	493	126	319	48	-
60 to 69 years, . . .	473	347	26	305	16	-	126	5	115	6	-
70 to 79 years, . . .	69	59	2	54	3	-	10	-	10	-	-
80 years and over, . .	11	9	-	9	-	-	2	-	2	-	-

Line No.	Table 9 MONTHS.	MARRIAGES BY MONTHS, IN COUNTIES									
		THE STATE.		COUNTIES.							
		Total number.	Average daily number.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.
1	<b>The Year.</b>	<b>34,329</b>	<b>94</b>	<b>219</b>	<b>875</b>	<b>3,440</b>	<b>33</b>	<b>4,333</b>	<b>382</b>	<b>2,540</b>	<b>560</b>
2	January, . . . . .	1,848	60	12	29	204	2	222	18	131	29
3	February, . . . . .	1,989	69	11	45	182	—	229	26	166	32
4	March, . . . . .	1,536	50	12	35	156	3	197	12	107	21
5	April, . . . . .	2,345	78	18	62	231	1	248	24	178	34
6	May, . . . . .	2,237	72	7	44	261	—	263	25	178	48
7	June, . . . . .	4,890	163	28	141	447	—	616	53	367	73
8	July, . . . . .	2,369	76	19	61	278	4	260	17	161	46
9	August, . . . . .	2,946	95	20	82	265	5	432	34	206	52
10	September, . . . . .	3,585	120	27	118	400	8	417	39	282	66
11	October, . . . . .	4,222	136	27	112	422	3	532	65	306	76
12	November, . . . . .	4,047	135	24	104	426	6	605	37	302	56
13	December, . . . . .	2,315	75	14	42	168	1	312	32	156	27

Line No.	Table 10 COUNTIES AND SEX.	MARRIAGES IN EACH COUNTY.								
		All ages.	13 years.	14 years.	15 years.	16 years.	17 years.	18 years.	19 years.	20 to 24 years.
1	<b>The State.</b>									
2	<b>Grooms, . . . . .</b>	<b>34,329</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>68</b>	<b>274</b>	<b>607</b>	<b>11,156</b>
3	<b>Brides, . . . . .</b>	<b>34,329</b>	<b>3</b>	<b>19</b>	<b>82</b>	<b>358</b>	<b>801</b>	<b>1,865</b>	<b>2,355</b>	<b>13,752</b>
4	Barnstable:									
5	Grooms, . . . . .	219	—	—	—	—	—	4	4	83
6	Brides, . . . . .	219	—	—	3	7	13	18	14	78
7	Berkshire:									
8	Grooms, . . . . .	875	—	—	—	—	2	6	21	269
9	Brides, . . . . .	875	—	1	1	16	18	48	74	321
10	Bristol:									
11	Grooms, . . . . .	3,440	—	—	—	—	4	51	79	1,313
12	Brides, . . . . .	3,440	—	4	8	41	99	255	278	1,413
13	Dukes:									
14	Grooms, . . . . .	33	—	—	—	—	—	1	1	15
15	Brides, . . . . .	33	—	—	—	—	—	2	4	13
16	Essex:									
17	Grooms, . . . . .	4,333	—	—	—	1	18	37	102	1,456
18	Brides, . . . . .	4,333	—	2	6	47	115	257	308	1,788
19	Franklin:									
20	Grooms, . . . . .	382	—	—	—	—	—	4	10	119
21	Brides, . . . . .	382	—	—	2	—	15	31	20	134
22	Hampden:									
23	Grooms, . . . . .	2,540	—	—	—	1	2	25	48	854
24	Brides, . . . . .	2,540	—	1	3	27	72	132	184	1,126
25	Hampshire:									
26	Grooms, . . . . .	560	—	—	—	—	3	4	3	207
27	Brides, . . . . .	560	—	—	1	6	18	31	37	248
28	Middlesex:									
29	Grooms, . . . . .	6,466	—	—	—	4	9	38	116	2,053
30	Brides, . . . . .	6,466	1	2	17	60	128	336	416	2,539
31	Nantucket:									
32	Grooms, . . . . .	18	—	—	—	—	—	—	—	6
33	Brides, . . . . .	18	—	—	—	—	1	1	1	5
34	Norfolk:									
35	Grooms, . . . . .	1,562	—	—	—	—	2	6	28	429
36	Brides, . . . . .	1,562	—	—	1	16	19	64	83	556
37	Plymouth:									
38	Grooms, . . . . .	1,267	—	—	—	—	7	13	30	433
39	Brides, . . . . .	1,267	—	3	5	9	29	97	110	486
40	Suffolk:									
41	Grooms, . . . . .	8,868	—	—	—	4	13	49	83	2,604
42	Brides, . . . . .	8,868	1	5	26	82	173	373	561	3,496
43	Worcester:									
44	Grooms, . . . . .	3,766	—	—	—	2	8	36	82	1,315
45	Brides, . . . . .	3,766	1	1	9	47	101	220	265	1,549



## AND IN CITIES HAVING OVER 100,000 INHABITANTS: 1919.

Line No.	COUNTIES — Con.						CITIES HAVING OVER 100,000 INHABITANTS.						
	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Boston.	Worcester.	Fall River.	New Bedford.	Cambridge.	Lowell.	Springfield.
1	6,466	18	1,562	1,267	8,868	3,766	8,122	1,569	1,296	1,248	1,132	1,206	1,257
2	344	—	74	65	515	203	476	88	73	86	71	92	60
3	370	2	71	57	568	230	509	101	78	69	70	93	85
4	268	1	55	47	469	153	432	70	60	55	67	50	55
5	456	1	109	76	648	259	585	107	75	85	90	86	83
6	382	1	103	89	585	251	544	98	104	92	62	83	84
7	973	3	248	147	1,270	524	1,163	207	175	150	167	170	167
8	413	—	133	102	640	235	571	99	95	113	69	73	84
9	539	3	112	113	753	330	691	138	98	94	100	98	114
10	698	5	172	123	821	409	743	168	169	141	134	99	132
11	818	1	215	170	996	479	922	203	161	146	116	140	146
12	735	1	170	166	953	462	883	193	163	149	116	136	153
13	470	—	100	112	650	231	603	97	45	68	70	86	94

## BY SEX AND AGE: 1919.

Line No.	25 to 29 years.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 years and over.
1	10,710	5,059	2,576	1,447	1,005	620	380	237	110	40	19	9
2	7,883	3,238	1,800	983	559	329	164	89	37	8	2	2
3	65	12	17	9	5	7	7	4	—	1	—	1
4	40	17	13	7	1	3	4	1	—	—	—	—
5	263	145	71	39	13	21	9	9	—	5	2	—
6	193	95	49	29	10	13	1	3	2	—	1	—
7	953	456	235	119	93	49	41	26	14	2	4	1
8	697	272	153	92	56	35	21	10	5	1	—	—
9	8	3	3	1	—	—	—	1	—	—	—	—
10	10	2	2	—	—	—	—	—	—	—	—	—
11	1,364	583	307	171	127	65	51	30	16	2	3	—
12	938	389	210	124	63	47	22	11	4	1	—	1
13	127	51	19	18	14	5	5	4	3	2	1	—
14	98	25	18	19	8	6	1	3	2	—	—	—
15	819	374	186	88	40	45	27	15	11	3	1	1
16	528	222	108	57	31	20	15	8	6	—	—	—
17	178	82	31	17	12	10	6	3	3	—	1	—
18	112	57	14	12	16	4	—	2	—	1	—	1
19	2,073	952	501	279	198	99	65	49	21	4	4	1
20	1,609	634	326	186	100	62	32	12	3	3	—	—
21	4	3	1	3	1	—	—	—	—	—	—	—
22	5	—	3	1	1	—	—	—	—	—	—	—
23	522	275	114	67	59	28	12	10	4	3	—	3
24	440	189	98	47	27	9	7	2	3	1	—	—
25	364	179	91	52	39	30	11	9	4	5	—	—
26	253	122	65	37	23	16	8	3	1	—	—	—
27	2,792	1,419	763	440	314	198	109	46	24	7	3	—
28	2,095	919	555	272	170	80	36	21	3	—	—	—
29	1,178	525	237	144	90	63	37	31	10	6	—	2
30	865	295	186	100	53	34	17	13	8	1	1	—

Table 11

Table 11	MARRIAGES, BY SEX AND AGE: 1919.															
	AGE OF BRIDES.															
	AGE OF GROOMS.															
	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.	
All Ages.	34,329	5,483	13,752	7,883	3,238	1,800	983	559	329	164	89	37	8	2	2	
Under 20, . . .	961	652	291	16	2	—	—	—	—	—	—	—	—	—	—	—
20 to 24, . . .	11,156	3,392	6,551	1,079	111	18	3	2	—	—	—	—	—	—	—	—
25 to 29, . . .	10,710	1,162	4,998	3,763	640	127	15	5	—	—	—	—	—	—	—	—
30 to 34, . . .	5,059	218	1,394	1,895	1,171	297	68	14	1	1	—	—	—	—	—	—
35 to 39, . . .	2,576	45	377	770	681	492	163	41	5	1	—	1	—	—	—	—
40 to 44, . . .	1,447	9	89	240	359	415	259	63	11	1	1	—	—	—	—	—
45 to 49, . . .	1,005	3	32	68	181	286	224	153	44	12	2	—	—	—	—	—
50 to 54, . . .	620	2	9	34	59	107	140	104	102	18	9	—	—	—	—	—
55 to 59, . . .	380	—	7	14	17	39	71	87	73	60	9	2	—	—	—	1
60 to 64, . . .	237	—	3	2	13	14	26	30	56	51	31	10	1	—	—	—
65 to 69, . . .	110	—	1	1	2	4	12	15	28	14	20	11	1	—	—	1
70 to 74, . . .	40	—	—	—	1	1	2	7	7	4	8	8	1	1	—	—
75 to 79, . . .	19	—	—	—	1	—	—	1	1	2	7	4	2	1	—	—
80 and over, . .	9	—	—	1	—	—	—	1	1	—	2	1	3	—	—	—

Table 12

[illegible]



Table 13	FIRST MARRIAGES OF GROOMS AND REMARRIAGES OF BRIDES, BY AGE: 1919.														
	AGE OF BRIDES (WIDOWS). <sup>1</sup>														
	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
All Ages.	1,942	26	257	515	436	356	189	97	39	17	8	2	-	-	-
Under 20,	8	-	6	1	1	-	-	-	-	-	-	-	-	-	-
20 to 24,	260	16	112	86	31	11	2	2	-	-	-	-	-	-	-
25 to 29,	507	6	83	227	123	56	8	4	-	-	-	-	-	-	-
30 to 34,	448	2	38	126	162	89	27	4	-	-	-	-	-	-	-
35 to 39,	321	2	14	50	71	105	57	18	3	-	-	1	-	-	-
40 to 44,	183	-	3	12	33	55	50	24	5	-	1	-	-	-	-
45 to 49,	123	-	1	7	11	33	29	26	12	4	2	-	-	-	-
50 to 54,	52	-	-	3	2	5	14	15	10	2	1	-	-	-	-
55 to 59,	26	-	-	3	2	2	2	6	7	7	2	1	-	-	-
60 to 64,	12	-	-	-	-	-	-	2	3	4	2	1	-	-	-
65 to 69,	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
70 to 74,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75 to 79,	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
80 and over,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Includes divorced.

Table 14	REMARRIAGES OF GROOMS AND FIRST MARRIAGES OF BRIDES, BY AGE: 1919.														
	AGE OF BRIDES (MAIDS).														
	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
All Ages.	2,720	169	619	677	467	349	235	111	72	18	2	1	-	-	-
Under 20,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
20 to 24,	95	36	47	11	1	-	-	-	-	-	-	-	-	-	-
25 to 29,	415	62	189	134	27	3	-	-	-	-	-	-	-	-	-
30 to 34,	548	46	192	194	92	20	4	-	-	-	-	-	-	-	-
35 to 39,	539	18	110	175	125	82	25	3	1	-	-	-	-	-	-
40 to 44,	393	5	48	92	101	81	54	12	-	-	-	-	-	-	-
45 to 49,	297	1	16	36	75	94	55	19	1	-	-	-	-	-	-
50 to 54,	200	1	7	23	27	38	54	29	19	2	-	-	-	-	-
55 to 59,	108	-	5	8	7	21	23	28	12	4	-	-	-	-	-
60 to 64,	78	-	3	2	9	8	13	9	22	9	2	1	-	-	-
65 to 69,	32	-	1	1	1	2	7	6	12	2	-	-	-	-	-
70 to 74,	9	-	-	-	1	-	-	4	4	-	-	-	-	-	-
75 to 79,	3	-	-	-	1	-	-	-	1	1	-	-	-	-	-
80 and over,	2	-	-	1	-	-	-	1	-	-	-	-	-	-	-

<sup>1</sup> Includes divorced.

Table 15

## REMARRIAGES OF BOTH PARTIES BY AGE: 1919.

AGE OF GROOMS  
(WIDOWERS).<sup>1</sup>AGE OF BRIDES (WIDOWS).<sup>1</sup>

AGE OF GROOMS (WIDOWERS). <sup>1</sup>	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
All Ages.	2,128	2	90	246	337	389	352	278	191	120	77	34	8	2	2
Under 20, . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20 to 24, . . .	13	1	5	7	—	—	—	—	—	—	—	—	—	—	—
25 to 29, . . .	102	—	24	50	19	8	1	—	—	—	—	—	—	—	—
30 to 34, . . .	250	1	37	75	89	35	7	5	—	1	—	—	—	—	—
35 to 39, . . .	332	—	12	75	86	100	46	11	1	1	—	—	—	—	—
40 to 44, . . .	316	—	6	22	69	109	85	19	5	1	—	—	—	—	—
45 to 49, . . .	339	—	3	10	45	76	102	74	22	6	1	—	—	—	—
50 to 54, . . .	296	—	1	4	18	42	57	86	67	13	8	—	—	—	—
55 to 59, . . .	217	—	2	3	7	10	37	52	50	46	7	2	—	—	1
60 to 64, . . .	137	—	—	—	4	6	11	19	27	35	26	8	1	—	—
65 to 69, . . .	74	—	—	—	—	2	5	8	15	12	19	11	1	—	1
70 to 74, . . .	30	—	—	—	—	1	1	3	3	4	8	8	1	1	—
75 to 79, . . .	15	—	—	—	—	—	—	1	—	1	6	4	2	1	—
80 and over, . .	7	—	—	—	—	—	—	—	1	—	2	1	3	—	—

<sup>1</sup> Includes divorced.

Table 16

## FIRST MARRIAGES AND REMARRIAGES: 1919.

GROOMS.

Total  
number  
of  
marriages.

## BRIDES.

First  
marriage.Second  
marriage.Third  
marriage.Fourth  
marriage.Fifth  
marriage.

Total Number.	34,329	30,259	3,863	199	7	1
First marriage, . . . .	29,481	27,539	1,881	59	1	1
Second marriage, . . . .	4,533	2,590	1,829	110	4	—
Third marriage, . . . .	295	125	140	28	2	—
Fourth marriage, . . . .	19	5	12	2	—	—
Fifth marriage, . . . .	1	—	1	—	—	—

Table 17

MARRIAGES, MARRIAGE RATES, AND NATIVITY OF PERSONS  
MARRIED: 1870 TO 1919.

YEARS.	Total Number.	RATES — PERSONS MARRIED PER 1,000 POPULATION.		NATIVITY — PERCENTAGES.			
		Annual.	Annual average.	BRIDE AND GROOM BOTH —		Native groom and foreign bride.	Foreign groom and native bride.
				Native.	Foreign.		
1870, . . . . .	14,721	20.2	—	56.9	29.0	6.1	8.0
1871, . . . . .	15,746	21.1	19.7	55.9	29.4	6.2	8.5
1872, . . . . .	16,142	21.1		53.9	30.8	6.9	8.4
1873, . . . . .	16,437	20.9		53.3	31.1	6.6	9.0
1874, . . . . .	15,564	19.3		53.7	29.3	6.9	9.1
1875, . . . . .	13,663	16.3		57.0	27.1	7.1	8.8
1876, . . . . .	12,749	15.2	15.6	58.6	25.5	7.6	8.3
1877, . . . . .	12,758	15.0		60.1	22.8	8.0	9.1
1878, . . . . .	12,893	14.9		61.5	21.5	8.3	8.7
1879, . . . . .	13,802	15.7		62.3	20.2	8.3	9.2
1880, . . . . .	15,538	17.4		60.1	21.8	9.0	9.1
1881, . . . . .	16,768	18.5	18.6	58.1	23.4	10.0	8.5
1882, . . . . .	17,684	19.2		55.7	25.6	9.9	8.8
1883, . . . . .	18,194	19.4		55.0	26.1	10.0	8.9
1884, . . . . .	17,333	18.2		52.9	27.4	10.8	8.9
1885, . . . . .	17,052	17.6		53.2	26.6	11.0	9.2
1886, . . . . .	18,018	18.0	18.5	51.5	27.9	11.2	9.4
1887, . . . . .	19,533	19.0		49.9	29.0	11.5	9.6
1888, . . . . .	19,739	18.2		48.1	30.6	11.6	9.7
1889, . . . . .	20,397	18.8		46.9	31.5	12.1	9.5
1890, . . . . .	20,838	18.6		46.1	31.5	12.0	10.4
1891, . . . . .	21,675	18.9	18.5	45.9	32.4	11.6	10.1
1892, . . . . .	22,507	19.2		44.6	34.0	11.3	10.1
1893, . . . . .	22,814	19.1		44.0	34.5	11.5	10.0
1894, . . . . .	20,619	16.9		44.5	33.6	11.7	10.2
1895, . . . . .	23,102	18.5		44.5	33.3	11.8	10.4
1896, . . . . .	23,651	18.1	17.4	44.0	33.5	12.0	10.5
1897, . . . . .	23,038	17.6		43.6	33.9	12.1	10.4
1898, . . . . .	22,142	16.5		43.6	33.3	12.3	10.8
1899, . . . . .	23,523	17.2		43.8	32.9	12.5	10.8
1900, . . . . .	24,342	17.4		43.9	33.2	12.1	10.8
1901, . . . . .	24,891	17.3	17.5	43.6	32.9	12.7	10.8
1902, . . . . .	25,685	17.5		43.8	33.0	12.3	10.9
1903, . . . . .	26,940	17.9		43.5	34.6	11.6	10.3
1904, . . . . .	25,993	16.9		43.7	34.1	11.5	10.7
1905, . . . . .	27,184	18.1		44.0	34.2	11.2	10.6
1906, . . . . .	29,654	19.5	18.3	43.6	34.6	11.3	10.5
1907, . . . . .	31,055	20.1		42.4	37.0	10.7	9.9
1908, . . . . .	27,071	17.3		42.9	36.6	10.9	9.6
1909, . . . . .	29,002	16.2		43.1	35.8	10.5	10.6
1910, . . . . .	30,710	18.2		43.2	35.8	10.6	10.5
1911, . . . . .	32,051	18.6	17.7	44.5	35.1	9.8	10.6
1912, . . . . .	30,898	17.6		43.5	36.2	9.6	10.6
1913, . . . . .	31,403	17.6		43.4	36.4	9.6	10.6
1914, . . . . .	32,588	17.9		44.4	36.4	9.2	10.0
1915, . . . . .	31,301	17.0		45.3	35.0	9.1	10.6
1916, . . . . .	34,386	18.2	17.7	47.0	33.3	9.3	10.3
1917, . . . . .	37,945	19.8		50.8	28.6	9.8	10.8
1918, . . . . .	29,163	14.9		52.3	26.6	9.8	11.3
1919, . . . . .	34,329	17.9		54.8	23.9	9.9	11.6

Table 18

PROPORTIONS OF FIRST MARRIAGES AND REMARRIAGES PER 1,000  
MARRIAGES: 1901 TO 1919.

YEARS.	MALES.		FEMALES.		BACHELORS WHO MARRIED —		WIDOWERS WHO MARRIED —	
	Bachelors.	Widowers. <sup>1</sup>	Maids.	Widows. <sup>1</sup>	Maids.	Widows. <sup>1</sup>	Maids.	Widows. <sup>1</sup>
1901, . . . . .	87.2	12.8	90.6	9.4	82.5	4.7	8.2	4.6
1902, . . . . .	87.5	12.5	90.4	9.6	82.7	4.8	7.7	4.8
1903, . . . . .	88.0	12.0	90.6	9.4	83.2	4.8	7.4	4.6
1904, . . . . .	87.8	12.2	90.2	9.8	82.7	5.1	7.5	4.7
1905, . . . . .	88.2	11.8	91.1	8.9	83.6	4.6	7.5	4.3
1906, . . . . .	88.7	11.3	91.2	8.8	84.1	4.6	7.1	4.2
1907, . . . . .	88.9	11.1	91.2	8.8	84.3	4.5	6.8	4.3
1908, . . . . .	88.0	12.0	90.4	9.6	83.0	4.9	7.4	4.6
1909, . . . . .	88.4	11.6	90.9	9.1	83.8	4.6	7.1	4.5
1910, . . . . .	88.3	11.7	90.4	9.6	83.5	4.9	7.0	4.7
1911, . . . . .	89.0	11.0	90.5	9.5	84.0	5.0	6.5	4.5
1912, . . . . .	89.7	10.3	91.8	8.2	85.4	4.2	6.4	4.0
1913, . . . . .	89.5	10.5	91.7	8.3	85.4	4.1	6.3	4.2
1914, . . . . .	89.6	10.4	91.7	8.3	85.3	4.2	6.4	4.1
1915, . . . . .	89.6	10.4	91.7	8.3	85.3	4.2	6.4	4.1
1916, . . . . .	89.8	10.2	91.3	8.7	85.3	4.6	6.1	4.1
1917, . . . . .	89.8	10.2	90.9	9.1	84.9	4.9	6.0	4.2
1918, . . . . .	86.7	13.3	88.0	12.0	80.6	6.1	7.4	5.9
1919, . . . . .	85.9	14.1	88.0	12.0	80.2	5.7	7.9	6.2

<sup>1</sup> Includes divorced.

Table 19

MARRIAGES OF BACHELORS, MAIDS, WIDOWERS,<sup>1</sup> AND WIDOWS,<sup>1</sup> BY AGE: 1904 TO 1919.

YEARS.	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
BACHELORS.															
1904, . . . . .	22,828	461	8,720	8,050	3,501	1,341	462	187	66	26	11	2	1	—	—
1905, . . . . .	23,985	591	9,195	8,454	3,515	1,454	461	209	64	25	11	6	—	—	—
1906, . . . . .	26,295	640	10,526	9,051	3,816	1,459	491	210	66	26	3	4	2	1	—
1907, . . . . .	27,597	673	11,319	9,289	3,861	1,578	518	222	85	34	11	4	2	1	—
1908, . . . . .	23,815	620	9,679	7,939	3,255	1,451	516	228	77	33	11	4	1	1	—
1909, . . . . .	25,640	685	10,394	8,529	3,539	1,540	537	244	108	34	17	7	2	4	—
1910, . . . . .	27,132	658	11,249	9,038	3,692	1,556	509	255	106	43	14	8	2	1	1
1911, . . . . .	28,510	756	11,695	9,483	3,793	1,743	621	264	104	36	9	4	2	—	—
1912, . . . . .	27,707	775	11,481	9,430	3,577	1,527	539	237	94	26	11	7	3	—	—
1913, . . . . .	28,110	819	11,771	9,520	3,559	1,506	573	218	90	36	9	6	—	—	3
1914, . . . . .	29,183	878	12,439	9,599	3,689	1,547	613	257	100	37	14	7	2	1	—
1915, . . . . .	28,050	809	11,655	9,433	3,596	1,569	583	239	108	41	11	5	1	—	—
1916, . . . . .	30,893	882	12,721	10,618	3,921	1,602	665	300	115	49	13	6	—	1	—
1917, . . . . .	34,066	1,052	14,049	11,396	4,569	1,789	718	284	131	56	14	5	2	1	—
1918, . . . . .	25,287	991	9,495	7,458	3,911	2,025	795	406	129	50	17	6	3	1	—
1919, . . . . .	29,481	960	11,048	10,193	4,261	1,705	738	369	124	55	22	4	1	1	—

<sup>1</sup> Includes divorced.

Table 19

MARRIAGES OF BACHELORS, MAIDS, WIDOWERS,<sup>1</sup> AND WIDOWS,<sup>1</sup> BY AGE: 1904 TO 1919.

YEARS.	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
MAIDS.															
1904, . . .	23,448	4,011	10,720	5,733	1,836	722	244	114	44	16	6	1	-	1	-
1905, . . .	24,760	4,411	11,343	5,848	1,978	758	239	115	48	11	6	3	-	-	-
1906, . . .	27,059	4,978	12,375	6,335	2,160	766	264	108	39	21	8	4	1	-	-
1907, . . .	28,317	5,317	13,170	6,367	2,175	817	287	113	42	16	10	3	-	-	-
1908, . . .	24,484	4,598	11,292	5,384	1,959	759	287	120	47	26	8	2	2	-	-
1909, . . .	26,367	5,053	11,948	5,840	2,127	894	297	133	45	17	10	3	-	-	-
1910, . . .	27,772	5,175	12,815	6,203	2,161	883	328	113	54	22	12	3	3	-	-
1911, . . .	29,003	5,527	13,314	6,427	2,190	980	367	122	36	25	9	4	2	-	-
1912, . . .	28,368	5,439	13,117	6,165	2,150	899	356	156	62	17	6	1	-	-	-
1913, . . .	28,789	5,863	13,352	6,098	2,074	848	341	137	44	18	11	2	1	-	-
1914, . . .	29,874	6,315	14,041	6,151	2,025	906	358	153	61	28	11	4	1	-	-
1915, . . .	28,576	5,651	13,389	6,030	2,064	894	320	141	52	24	7	3	-	-	1
1916, . . .	31,404	5,945	14,916	6,717	2,280	940	332	178	53	31	8	3	1	-	-
1917, . . .	34,493	6,371	16,250	7,696	2,453	1,071	375	168	71	28	6	4	-	-	-
1918, . . .	25,672	4,618	11,234	5,814	2,209	1,070	433	184	62	26	14	7	-	1	-
1919, . . .	30,259	5,455	13,405	7,122	2,465	1,055	442	184	99	27	4	1	-	-	-
WIDOWERS. <sup>1</sup>															
1904, . . .	3,165	-	50	285	527	579	493	438	314	196	145	66	45	20	7
1905, . . .	3,199	-	53	290	528	624	515	305	293	213	128	87	38	11	7
1906, . . .	3,359	-	53	332	557	658	512	419	312	220	142	86	45	16	7
1907, . . .	3,458	1	64	349	571	651	512	443	334	219	156	89	44	15	10
1908, . . .	3,256	4	92	377	537	666	544	422	263	157	103	60	25	5	1
1909, . . .	3,362	-	68	292	521	603	559	424	321	217	161	116	51	25	4
1910, . . .	3,573	-	71	319	548	652	547	485	371	258	158	101	51	13	4
1911, . . .	3,541	1	66	336	526	625	570	496	346	223	179	107	49	15	2
1912, . . .	3,191	-	64	279	444	552	541	418	334	243	156	89	47	20	4
1913, . . .	3,293	-	56	311	473	588	533	432	330	234	154	96	55	24	7
1914, . . .	3,405	-	59	342	490	615	491	445	342	246	189	114	52	15	5
1915, . . .	3,251	-	53	314	452	566	506	443	331	235	172	108	47	16	8
1916, . . .	3,493	-	93	359	490	595	521	438	374	273	154	108	62	22	4
1917, . . .	3,879	-	76	403	617	632	578	510	399	289	196	108	44	23	4
1918, . . .	3,876	-	55	327	565	641	633	569	427	301	188	102	41	23	4
1919, . . .	4,848	1	108	517	798	871	709	636	496	325	215	106	39	18	9
WIDOWS. <sup>1</sup>															
1904, . . .	2,545	6	182	479	535	502	343	238	123	59	53	16	7	1	1
1905, . . .	2,424	8	170	450	522	486	333	204	129	62	32	21	6	-	1
1906, . . .	2,595	5	186	519	536	476	346	245	126	74	49	23	8	2	-
1907, . . .	2,738	11	192	487	574	509	397	252	149	94	44	23	6	-	-
1908, . . .	2,587	9	184	425	511	492	379	265	161	70	53	30	8	-	-
1909, . . .	2,635	12	186	428	506	527	372	245	163	103	49	29	9	5	1
1910, . . .	2,938	11	184	524	608	586	394	282	168	108	42	24	7	-	-
1911, . . .	3,048	7	228	560	586	619	398	298	169	102	44	24	11	2	-
1912, . . .	2,530	7	203	453	456	457	365	250	158	92	50	24	10	5	-
1913, . . .	2,614	8	204	430	519	467	394	241	162	93	64	18	13	1	-
1914, . . .	2,714	7	214	477	520	506	375	262	182	94	42	26	7	1	1
1915, . . .	2,725	5	209	474	530	510	377	270	159	101	54	19	13	3	1
1916, . . .	2,982	11	209	568	540	542	430	286	189	110	59	23	13	2	-
1917, . . .	3,452	13	258	649	645	667	455	343	188	125	69	31	9	-	-
1918, . . .	3,491	10	223	595	672	681	505	330	237	142	61	29	5	1	-
1919, . . .	4,070	28	347	761	773	745	541	375	230	137	85	36	8	2	2

<sup>1</sup> Includes divorced.

Table 20

MARRIAGES AND MARRIAGE RATES IN THE STATE AND IN CITIES  
HAVING OVER 100,000 INHABITANTS IN 1915: 1891 TO 1919.

YEARS.	The State.	CITIES HAVING OVER 100,000 INHABITANTS IN 1915.						
		Boston.	Worcester.	Fall River.	Lowell.	Cambridge.	New Bedford.	Springfield.
1891, . . . . .	21,675	5,163	838	780	942	710	478	434
1892, . . . . .	22,507	5,315	878	872	948	733	515	469
1893, . . . . .	22,814	5,376	893	932	961	721	559	456
1894, . . . . .	20,619	5,440	685	768	804	629	544	424
1895, . . . . .	23,102	5,923	844	1,003	987	659	628	471
1896, . . . . .	23,651	6,304	948	1,024	874	733	710	513
1897, . . . . .	23,038	6,060	962	1,003	889	744	682	543
1898, . . . . .	22,142	5,902	969	872	908	653	553	518
1899, . . . . .	23,523	6,187	982	970	952	705	634	507
1900, . . . . .	24,342	6,044	1,048	1,082	1,059	714	648	549
1901, . . . . .	24,891	6,311	1,119	1,070	953	769	710	565
1902, . . . . .	25,685	6,172	1,098	1,198	1,010	792	806	596
1903, . . . . .	26,940	6,640	1,227	1,291	939	795	809	598
1904, . . . . .	25,993	6,736	1,138	1,063	998	790	725	593
1905, . . . . .	27,184	6,775	1,184	1,164	937	834	805	654
1906, . . . . .	29,654	7,374	1,330	1,342	1,033	944	872	727
1907, . . . . .	31,055	7,761	1,343	1,327	1,066	950	944	883
1908, . . . . .	27,071	6,993	1,064	1,174	872	815	889	720
1909, . . . . .	29,002	7,165	1,233	1,186	1,030	819	981	827
1910, . . . . .	30,710	7,596	1,395	1,241	999	934	1,092	904
1911, . . . . .	32,051	8,110	1,457	1,230	955	983	1,193	986
1912, . . . . .	30,898	7,896	1,404	1,146	997	1,003	1,056	732
1913, . . . . .	31,403	8,130	1,495	1,126	1,023	1,016	1,166	887
1914, . . . . .	32,588	8,522	1,411	1,141	1,017	1,058	1,229	871
1915, . . . . .	31,301	8,141	1,408	1,121	1,035	986	1,118	828
1916, . . . . .	34,386	8,552	1,687	1,163	1,166	1,113	1,207	1,062
1917, . . . . .	37,945	9,191	1,836	1,297	1,280	1,243	1,451	1,265
1918, . . . . .	29,163	7,396	1,325	973	1,091	1,111	1,102	1,081
1919, . . . . .	34,329	8,122	1,569	1,296	1,206	1,132	1,248	1,257
MARRIAGE RATES — PERSONS MARRIED PER 1,000 POPULATION CENSUS YEARS, 1880 TO 1915, AND PER 1,000 ESTIMATED POPULATION, 1916, 1917, 1918 AND 1919.								
1880, . . . . .	17.4	29.1	18.2	19.2	25.4	14.8	19.5	19.9
1885, . . . . .	17.6	20.6	15.5	18.6	20.9	16.5	23.4	19.4
1890, . . . . .	18.6	21.8	19.1	20.9	24.0	18.3	25.0	17.3
1895, . . . . .	18.5	21.0	17.1	22.5	23.4	16.2	22.7	18.3
1900, . . . . .	17.4	21.6	17.7	20.6	22.3	15.5	20.8	17.7
1905, . . . . .	18.1	22.8	18.5	22.0	19.7	17.1	21.7	17.8
1910, . . . . .	18.2	22.1	19.1	20.8	18.8	17.8	22.6	20.3
1915, . . . . .	17.0	21.8	17.3	18.0	19.2	18.1	20.4	16.1
1916, . . . . .	18.2	22.5	20.2	18.4	21.5	20.3	21.4	19.9
1917, . . . . .	19.8	23.6	21.6	20.4	23.5	22.5	25.1	23.1
1918, . . . . .	14.9	18.6	15.3	15.2	20.0	19.9	18.7	19.3
1919, . . . . .	17.9	21.7	17.6	21.4	21.5	20.7	20.8	19.8



Table 21

MARRIAGES CELEBRATED IN EACH MONTH AND QUARTER: 1910 TO 1919.

MONTHS.										
	1919.	1918.	1917.	1916.	1915.	1914.	1913.	1912.	1911.	1910.
<b>The Year.</b>	<b>34,329</b>	<b>29,163</b>	<b>37,945</b>	<b>34,386</b>	<b>31,301</b>	<b>32,588</b>	<b>31,403</b>	<b>30,898</b>	<b>32,051</b>	<b>30,710</b>
<i>First Quarter.</i>	<i>5,373</i>	<i>5,918</i>	<i>6,292</i>	<i>6,313</i>	<i>5,620</i>	<i>6,142</i>	<i>5,609</i>	<i>5,132</i>	<i>5,966</i>	<i>5,524</i>
January, . . . . .	1,848	2,420	2,574	2,353	2,403	2,427	2,395	2,091	2,309	2,453
February, . . . . .	1,989	2,006	2,502	2,384	2,187	2,504	1,629	2,068	2,513	1,701
March, . . . . .	1,536	1,492	1,216	1,576	1,030	1,211	1,585	973	1,164	1,370
<i>Second Quarter.</i>	<i>9,472</i>	<i>9,017</i>	<i>12,422</i>	<i>9,508</i>	<i>8,983</i>	<i>9,634</i>	<i>9,449</i>	<i>8,690</i>	<i>8,816</i>	<i>9,076</i>
April, . . . . .	2,345	2,667	3,898	2,135	2,584	2,605	2,816	2,493	2,420	2,678
May, . . . . .	2,237	2,233	2,989	2,581	2,233	2,266	2,104	1,655	2,043	2,001
June, . . . . .	4,896	4,117	5,535	4,792	4,166	4,763	4,529	4,242	4,353	4,397
<i>Third Quarter.</i>	<i>8,900</i>	<i>8,036</i>	<i>9,317</i>	<i>8,757</i>	<i>7,753</i>	<i>8,072</i>	<i>7,685</i>	<i>7,732</i>	<i>8,066</i>	<i>7,601</i>
July, . . . . .	2,369	2,428	3,071	2,711	2,168	2,288	2,176	2,165	2,496	2,198
August, . . . . .	2,046	2,672	2,885	2,460	2,406	2,486	2,448	2,327	2,352	2,339
September, . . . . .	3,585	2,936	3,361	3,586	3,179	3,298	3,061	3,240	3,218	3,064
<i>Fourth Quarter.</i>	<i>10,584</i>	<i>6,192</i>	<i>9,914</i>	<i>9,808</i>	<i>8,945</i>	<i>8,740</i>	<i>8,660</i>	<i>9,344</i>	<i>9,183</i>	<i>8,509</i>
October, . . . . .	4,222	2,242	3,681	4,112	3,747	3,717	3,576	3,721	3,670	3,520
November, . . . . .	4,047	2,362	3,597	3,616	3,384	3,279	3,376	3,485	3,404	3,238
December, . . . . .	2,315	1,588	2,636	2,080	1,814	1,744	1,708	2,138	2,109	1,751
<b>PER CENT DISTRIBUTION.</b>										
<b>The Year.</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<i>First Quarter.</i>	<i>15.7</i>	<i>20.3</i>	<i>16.6</i>	<i>18.4</i>	<i>18.0</i>	<i>18.8</i>	<i>17.9</i>	<i>16.6</i>	<i>18.7</i>	<i>18.0</i>
January, . . . . .	5.4	8.3	6.8	6.8	7.7	7.4	7.6	6.8	7.2	8.0
February, . . . . .	5.8	6.9	6.6	6.9	7.0	7.7	5.2	6.7	7.8	5.5
March, . . . . .	4.5	5.1	3.2	4.6	3.3	3.7	5.1	3.1	3.6	4.5
<i>Second Quarter.</i>	<i>27.4</i>	<i>30.9</i>	<i>32.7</i>	<i>27.7</i>	<i>28.7</i>	<i>29.6</i>	<i>30.1</i>	<i>28.1</i>	<i>27.5</i>	<i>29.6</i>
April, . . . . .	6.8	9.1	10.3	6.2	8.3	8.0	9.0	8.1	7.6	8.7
May, . . . . .	6.4	7.7	7.9	7.5	7.1	7.0	6.7	6.3	6.4	6.5
June, . . . . .	14.2	14.1	14.6	13.9	13.3	14.6	14.4	13.7	13.6	14.3
<i>Third Quarter.</i>	<i>26.0</i>	<i>27.6</i>	<i>24.6</i>	<i>25.5</i>	<i>24.8</i>	<i>24.8</i>	<i>24.5</i>	<i>25.0</i>	<i>25.2</i>	<i>24.8</i>
July, . . . . .	6.9	8.3	8.1	7.9	6.9	7.0	6.9	7.0	7.8	7.2
August, . . . . .	8.6	9.2	7.6	7.2	7.7	7.6	7.8	7.5	7.3	7.6
September, . . . . .	10.5	10.1	8.9	10.4	10.2	10.1	9.8	10.5	10.0	10.0
<i>Fourth Quarter.</i>	<i>30.9</i>	<i>21.2</i>	<i>26.1</i>	<i>28.5</i>	<i>28.6</i>	<i>26.8</i>	<i>27.6</i>	<i>30.2</i>	<i>28.6</i>	<i>27.7</i>
October, . . . . .	12.3	7.7	9.7	12.0	12.0	11.3	11.4	12.0	11.4	11.5
November, . . . . .	11.8	8.1	9.5	10.5	10.8	10.1	10.8	11.3	10.6	10.5
December, . . . . .	6.8	5.4	6.9	6.0	5.8	5.4	5.4	6.9	6.6	5.7





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III

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DIVORCE STATISTICS

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### III.

## DIVORCE STATISTICS.

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### INTRODUCTION.

*Causes for Divorce.* — Causes for which divorce from the bonds of matrimony may be granted in Massachusetts under the provisions of sections 1 and 2, chapter 208, General Laws, are as follows: —

1. Adultery.
2. Impotency.
3. Desertion for three consecutive years next prior to the filing of the libel.
4. Gross and confirmed habits of intoxication caused by the voluntary and excessive use of intoxicating liquor, opium or other drugs.
5. Cruel and abusive treatment.
6. Neglect to provide.
7. Sentence to imprisonment at hard labor for five years or more.

A marriage may be declared void in consequence of violation of the provisions of the laws concerning marriage; that is, a separation may be granted because of the demonstration of conditions obtaining at the time of, or previous to, the alleged marriage, which show that there never was a legal marriage.

*Source of Data.* — The statistics of divorce presented in this report are compiled from returns made to the Secretary of the Commonwealth annually by the clerks of courts for the several counties, in compliance with General Laws, chapter 208, sections 46 and 47: —

SECTION 46. The clerks of the courts and the clerk of the superior court for civil business in Suffolk county shall annually, in February, make returns for the last preceding calendar year to the state secretary, upon suitable blank forms provided by him, of the number of libels pending at the beginning of the year, the number of libels filed within the year, the number of divorces granted, the number of divorces refused, the number of libels contested, the number of libels uncontested, the alleged cause for divorce in each case, the sex of the libellant and the length of time the parties have been married, and the number of cases in which notice has been given to the district attorney for prosecution under the preceding section and the crime for which divorce has been granted in such cases.

SECTION 47. The state secretary shall annually prepare from said returns abstracts and tabular statements of the facts relative to divorces for each county, and embody them, with necessary analyses, in his annual report to the general court relative to the registry of births, marriages and deaths.

*Applications for Divorce.* — The courts granted about 3 petitions out of every 4 filed. This proportion fluctuated considerably during the period 1882 to 1919, the highest proportion of applications being granted in 1900 (89 per cent), and the lowest proportion in 1888 (51.1 per cent). During this entire period 76.8 per cent of all applications were granted, 1.8 per cent were refused, and 21.4 per cent were dismissed.

*Contested Cases.* — Of the total number of applications for divorces during the thirty-eight years from 1882 to 1919, only 11 per cent were contested, and probably in many of these cases the contesting was hardly more than a formality, perhaps not extending beyond the filing of an answer, which often has the effect of expediting the process of obtaining the divorce. In 1919, of the 3,121 applications for divorce, only 388, or 12.4 per cent, were contested, and of the 2,536 divorces granted, 199, or 7.8 per cent, were contested. The proportion of contested cases is slightly smaller for divorces granted to the husband (7.4 per cent) than for those granted to the wife (8 per cent).

*Number of Divorces.* — Divorces granted in 1919 numbered 2,536, an increase of 185, or 7.9 per cent more than the number granted in 1918, and an increase of 188, or 8 per cent, over the average number granted for the five-year period 1914 to 1918.

*Divorce Rates.* — The number of divorces per 100,000 population was 66.1, as compared with 60.2 in 1918, 68.6 in 1917, 60.9 in 1916, 57.3 in 1910, and 29.2 in 1890.

Divorce rates based on the married population, *i.e.*, the number of divorces per 100,000 married population, are more significant than rates based upon the total population, because of the elimination of possible variations in the proportion married, and because of the fact that divorce can arise only among the married. Rates calculated in this manner are shown in Table 26, on page 78, for the census years 1875 to 1915. In this table the number of divorces shown for the census years 1875 to 1915 is not the actual number in that year, but the annual average for the five-year period of which the census year is the median. This method eliminates any peculiarities in the census year which may have affected divorce, and makes the figures more typical of the period as a whole.

The movement of divorce as shown by the two sets of rates per 100,000 total population and 100,000 married population is nearly the same. Based on the married population, the divorce rate in 1915 was 80 per cent greater than it was in 1875, and the increase as shown by the rate based on the total population was 85 per cent. Based on the estimated married population, the divorce rate for 1919 was 157 per 100,000, as compared with 156 for the five-year period 1914 to 1918.

The rapidity with which marriages are being dissolved by divorce is measured by the divorce rate based on the married population. In 1915 the rate was 156 divorces per 100,000 married persons. In 1919 the rate was 157, or about 1.6 divorces per 1,000 estimated married persons. During the period 1915 to 1919 divorce was dissolving each year more than 3 marriages out of every 1,000. In the five-year period 1873 to 1877 divorce was dissolving each year 1.7 marriages out of every 1,000. For 1890 the ratio was 1.7 for every 1,000; for 1900, 2.5 out of every 1,000; and for 1910, 2.9 out of every 1,000.

*Party to which Granted.* — Over two-thirds (70.4 per cent) of the total number of divorces in the period 1860 to 1919 were granted to the wife. In other words, divorces obtained by the wife are more than twice as numerous as those obtained by the husband. This difference may be partially explained by the fact that without any reference to the question of which party is the more frequently re-

sponsible for the marital unhappiness, the wife has tangible ground for divorce more frequently than the husband, because certain well-known and comparatively common grounds are more readily applicable against the husband than against the wife. For example, cruelty, in so far as it is physical cruelty, is not ordinarily an available ground for a husband, although men are sometimes granted divorces on this ground.

The proportion of divorces granted to the wife fluctuated between 75.6 per cent in 1876 and 56.4 in 1866, as compared with 70.4 per cent for the entire period 1860 to 1919.

*Divorces Classified by Causes, 1860 to 1919.* — The statistics concerning the cause of divorce deal with the legal cause as ascertained from the court records. It should be borne in mind, however, that the cause for which a divorce is granted by the courts is not necessarily the underlying reason for the marital unhappiness, and that the value of statistics of divorce as an index to the actual causes is as a consequence impaired.

Divorces granted on the ground of desertion have increased elevenfold in the sixty-year period 1860 to 1919, while the number of divorces granted for adultery has nearly doubled.

The most common ground on which divorce was granted by the courts was desertion, which accounted for 46.9 per cent of all the divorces granted in the period 1860 to 1919, for 58.9 per cent of all those granted to the husband in this period, and for 41.9 per cent of those granted to the wife.

The substantially equal number of divorces granted for adultery to the husband and to the wife is rather striking. In 11,698 divorces granted for adultery the divorce was granted to the husband in 50.9 per cent of the cases, and to the wife in 49.1 per cent of the cases.

Of the divorces granted to husbands, 58.9 per cent were for desertion of the wife, and 32.1 per cent were for adultery on the part of the wife; and of those granted to wives, 41.9 per cent were for the desertion of the husband, 22.9 per cent were for cruelty on the part of the husband, and 13 for adultery.

Intoxication as a ground for divorce figured in 11.2 per cent of the divorces granted in the period 1860 to 1919; and of this number, 14.7 per cent were granted to the husband and 85.3 per cent to the wife. Divorces granted for this cause formed 5.6 per cent of



all divorces granted to the husbands, and 13.6 per cent of the total number granted to the wife.

During the sixty years 1860 to 1919 the relative importance of these different causes for divorce has undergone considerable change. The sudden variations noticeable are due in large part to changes in the laws.

*Annulment Classified as Divorce.* — Among the less important classes of causes appears the term “nullity of marriage.” In 362 cases, or .6 per cent of the total number of divorces granted during the period 1860 to 1919, there was some cause shown which may have existed at the time of marriage. These cases form but a small proportion, .6 per cent of all cases considered, and do not affect the results to any material degree.

*Duration of Marriages.* — The average number of years libellants were married at the time of application for divorce has fluctuated between 10.5 years in 1891 and 1912, and 11.7 years in 1884, 1887, and 1892. The average number of years the libellants were married in 1919 was 10.9, as compared with 11.1 years in 1918.

Of the total libellants in Massachusetts for whom the number of years married was reported in 1919, 49.6 per cent made application for divorce before they had been married ten years, as compared with 51.8 per cent in 1918, and 51.3 per cent for the thirty-eight-year period 1882 to 1919.



## STATISTICAL TABLES.

Table 22

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **The State — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>The State.</b>	<b>3,121<sup>1</sup></b>	<b>1,487</b>	<b>997</b>	<b>309</b>	<b>211</b>	<b>83</b>	<b>10</b>	<b>3</b>	<b>21</b>
Husband, . . . . .	1,006	627	117	198	46	—	6	—	12
Wife, . . . . .	2,115	860	880	111	165	83	4	3	9
Granted, . . . . .	2,536	1,328	748	228	158	45	5	3	21
Husband, . . . . .	754	520	56	134	30	—	2	—	12
Wife, . . . . .	1,782	808	692	94	128	45	3	3	9
Refused, . . . . .	33	10	16	3	—	4	—	—	—
Husband, . . . . .	20	8	11	1	—	—	—	—	—
Wife, . . . . .	13	2	5	2	—	4	—	—	—
Dismissed, . . . . .	552	149	233	78	53	34	5	—	—
Husband, . . . . .	232	99	50	63	16	—	4	—	—
Wife, . . . . .	320	50	183	15	37	34	1	—	—
Contested, . . . . .	388	122	168	56	24	15	3	—	—
Husband, . . . . .	155	67	38	39	9	—	2	—	—
Wife, . . . . .	233	55	130	17	15	15	1	—	—
Not contested, . . . . .	2,733	1,365	829	253	187	68	7	3	21
Husband, . . . . .	851	560	79	159	37	—	4	—	12
Wife, . . . . .	1,882	805	750	94	150	68	3	3	9
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	35	—	22	2	2	1	1	—	7
Husband, . . . . .	8	—	2	2	1	—	—	—	3
Wife, . . . . .	27	—	20	—	1	1	1	—	4
6 to 11 months, . . . . .	37	—	25	8	2	—	—	—	2
Husband, . . . . .	12	—	3	7	2	—	—	—	—
Wife, . . . . .	25	—	22	1	—	—	—	—	2
1 to 4 years, . . . . .	551	122	264	76	48	30	2	2	7
Husband, . . . . .	153	47	35	53	11	—	1	—	6
Wife, . . . . .	398	75	229	23	37	30	1	2	1
5 to 9 years, . . . . .	925	434	300	89	66	28	4	—	4
Husband, . . . . .	294	182	38	52	16	—	3	—	3
Wife, . . . . .	631	252	262	37	50	28	1	—	1
10 to 19 years, . . . . .	1,104	634	275	107	66	17	3	1	1
Husband, . . . . .	373	265	28	66	12	—	2	—	—
Wife, . . . . .	731	369	247	41	54	17	1	1	1
20 to 29 years, . . . . .	374	227	96	23	22	6	—	—	—
Husband, . . . . .	124	96	10	14	4	—	—	—	—
Wife, . . . . .	250	131	86	9	18	6	—	—	—
30 years and over, . . . . .	91	69	15	1	5	1	—	—	—
Husband, . . . . .	38	36	1	1	—	—	—	—	—
Wife, . . . . .	53	33	14	—	5	1	—	—	—
Unknown, . . . . .	4	1	—	3	—	—	—	—	—
Husband, . . . . .	4	1	—	3	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Average number of years, . . . . .	10.9	12.3	9.5	9.7	10.4	8.5	8.0	6.0	2.7

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 7,725  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 860  
 Number of libels for divorce filed during the year 1919, . . . . . 5,580  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 2,932  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 2,532  
 Number of cases finally determined in 1919, . . . . . 3,137

<sup>1</sup> One petition for separate support. One appeal from probate court dismissed. One petition to enter probate appeal denied. Two petitions transferred from Franklin County to other counties. One petition transferred from Hampden County to Hampshire County. Two petitions transferred from Norfolk County to Suffolk County. Eight petitions transferred from Suffolk County to other counties.

Table 22a

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Barnstable County—1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Barnstable County.</b>	<b>25</b>	<b>10</b>	<b>12</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
Husband, . . . . .	8	7	-	-	-	-	1	-	-
Wife, . . . . .	17	3	12	-	2	-	-	-	-
Granted, . . . . .	20	9	10	-	1	-	-	-	-
Husband, . . . . .	7	7	-	-	-	-	-	-	-
Wife, . . . . .	13	2	10	-	1	-	-	-	-
Refused, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Dismissed, . . . . .	5	1	2	-	1	-	1	-	-
Husband, . . . . .	1	-	-	-	-	-	1	-	-
Wife, . . . . .	4	1	2	-	1	-	-	-	-
Contested, . . . . .	4	2	-	-	1	-	1	-	-
Husband, . . . . .	1	-	-	-	-	-	1	-	-
Wife, . . . . .	3	2	-	-	1	-	-	-	-
Not contested, . . . . .	21	8	12	-	1	-	-	-	-
Husband, . . . . .	7	7	-	-	-	-	-	-	-
Wife, . . . . .	14	1	12	-	1	-	-	-	-
DURATION OF MARRIAGE.									
Less than 6 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
6 to 11 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
1 to 4 years, . . . . .	5	-	3	-	2	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	5	-	3	-	2	-	-	-	-
5 to 9 years, . . . . .	6	4	1	-	-	-	1	-	-
Husband, . . . . .	3	2	-	-	-	-	1	-	-
Wife, . . . . .	3	2	1	-	-	-	-	-	-
10 to 19 years, . . . . .	10	3	7	-	-	-	-	-	-
Husband, . . . . .	3	3	-	-	-	-	-	-	-
Wife, . . . . .	7	-	7	-	-	-	-	-	-
20 to 29 years, . . . . .	2	1	1	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	2	1	1	-	-	-	-	-	-
30 years and over, . . . . .	2	2	-	-	-	-	-	-	-
Husband, . . . . .	2	2	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Unknown, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years,	12.6	17.3	11.0	-	3.0	-	5.0	-	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 36  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 12  
 Number of libels for divorce filed during the year 1919, . . . . . 50  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 24  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 20  
 Number of cases finally determined in 1919, . . . . . 25

Table 22b

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Berkshire County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Berkshire County.</b>	<b>63</b>	<b>35</b>	<b>19</b>	<b>2</b>	<b>6</b>	<b>1</b>	—	—	—
Husband, . . . . .	17	13	2	2	—	—	—	—	—
Wife, . . . . .	46	22	17	—	6	1	—	—	—
Granted, . . . . .	54	33	14	2	5	—	—	—	—
Husband, . . . . .	15	13	—	2	—	—	—	—	—
Wife, . . . . .	39	20	14	—	5	—	—	—	—
Refused, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Dismissed, . . . . .	9	2	5	—	1	1	—	—	—
Husband, . . . . .	2	—	2	—	—	—	—	—	—
Wife, . . . . .	7	2	3	—	1	1	—	—	—
Contested, . . . . .	12	2	8	1	1	—	—	—	—
Husband, . . . . .	3	—	2	1	—	—	—	—	—
Wife, . . . . .	9	2	6	—	1	—	—	—	—
Not contested, . . . . .	51	33	11	1	5	1	—	—	—
Husband, . . . . .	14	13	—	1	—	—	—	—	—
Wife, . . . . .	37	20	11	—	5	1	—	—	—
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	1	—	1	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	1	—	1	—	—	—	—	—	—
6 to 11 months, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
1 to 4 years, . . . . .	5	1	2	—	1	1	—	—	—
Husband, . . . . .	1	—	1	—	—	—	—	—	—
Wife, . . . . .	4	1	1	—	1	1	—	—	—
5 to 9 years, . . . . .	22	12	6	1	3	—	—	—	—
Husband, . . . . .	8	6	1	1	—	—	—	—	—
Wife, . . . . .	14	6	5	—	3	—	—	—	—
10 to 19 years, . . . . .	27	19	6	1	1	—	—	—	—
Husband, . . . . .	7	6	—	1	—	—	—	—	—
Wife, . . . . .	20	13	6	—	1	—	—	—	—
20 to 29 years, . . . . .	8	3	4	—	1	—	—	—	—
Husband, . . . . .	1	1	—	—	—	—	—	—	—
Wife, . . . . .	7	2	4	—	1	—	—	—	—
30 years and over, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Average number of years, . . . . .	12.0	12.7	12.4	9.0	6.0	2.0	—	—	—

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees <i>nisi</i> had been entered or not), . . . . .	143
Number of libels for divorce pending January 1, 1919, in which decrees <i>nisi</i> had been entered at that date, . . . . .	20
Number of libels for divorce filed during the year 1919, . . . . .	115
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1919, . . . . .	64
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . .	54
Number of cases finally determined in 1919, . . . . .	63

Table 22c

LIBELS AND LIBELLANTS.	LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: <b>Bristol County — 1919.</b>								
	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-ten-ty.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Bristol County.</b>	<b>225</b>	<b>114</b>	<b>62</b>	<b>30</b>	<b>12</b>	<b>7</b>	—	—	—
Husband, . . . . .	78	49	4	19	6	—	—	—	—
Wife, . . . . .	147	65	58	11	6	7	—	—	—
Granted, . . . . .	202	107	54	24	10	7	—	—	—
Husband, . . . . .	65	44	3	14	4	—	—	—	—
Wife, . . . . .	137	63	51	10	6	7	—	—	—
Refused, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Dismissed, . . . . .	23	7	8	6	2	—	—	—	—
Husband, . . . . .	13	5	1	5	2	—	—	—	—
Wife, . . . . .	10	2	7	1	—	—	—	—	—
Contested, . . . . .	28	10	10	5	3	—	—	—	—
Husband, . . . . .	14	5	1	5	3	—	—	—	—
Wife, . . . . .	14	5	9	—	—	—	—	—	—
Not contested, . . . . .	197	104	52	25	9	7	—	—	—
Husband, . . . . .	64	44	3	14	3	—	—	—	—
Wife, . . . . .	133	60	49	11	6	7	—	—	—
DURATION OF MARRIAGE.									
Less than 6 months, . . . . .	1	—	1	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	1	—	1	—	—	—	—	—	—
6 to 11 months, . . . . .	2	—	1	1	—	—	—	—	—
Husband, . . . . .	1	—	—	1	—	—	—	—	—
Wife, . . . . .	1	—	1	—	—	—	—	—	—
1 to 4 years, . . . . .	34	8	15	9	—	2	—	—	—
Husband, . . . . .	14	6	3	5	—	—	—	—	—
Wife, . . . . .	20	2	12	4	—	2	—	—	—
5 to 9 years, . . . . .	69	38	15	11	4	1	—	—	—
Husband, . . . . .	25	14	1	7	3	—	—	—	—
Wife, . . . . .	44	24	14	4	1	1	—	—	—
10 to 19 years, . . . . .	80	45	21	7	5	2	—	—	—
Husband, . . . . .	25	18	—	5	2	—	—	—	—
Wife, . . . . .	55	27	21	2	3	2	—	—	—
20 to 29 years, . . . . .	31	17	8	2	3	1	—	—	—
Husband, . . . . .	9	7	—	1	1	—	—	—	—
Wife, . . . . .	22	10	8	1	2	1	—	—	—
30 years and over, . . . . .	8	6	1	—	—	1	—	—	—
Husband, . . . . .	4	4	—	—	—	—	—	—	—
Wife, . . . . .	4	2	1	—	—	1	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Average number of years, . . . . .	12.1	13.5	10.8	7.9	13.8	15.6	—	—	—

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 418

Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 55

Number of libels for divorce filed during the year 1919, . . . . . 474

Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 297

Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 202

Number of cases finally determined in 1919, . . . . . 225

Table 22d

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Dukes County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Dukes County.</b>	<b>10</b>	<b>6</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>
Husband, . . . . .	3	2	-	1	-	-	-	-	-
Wife, . . . . .	7	4	-	-	1	2	-	-	-
Granted, . . . . .	7	5	-	-	1	1	-	-	-
Husband, . . . . .	1	1	-	-	-	-	-	-	-
Wife, . . . . .	6	4	-	-	1	1	-	-	-
Refused, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Dismissed, . . . . .	3	1	-	1	-	1	-	-	-
Husband, . . . . .	2	1	-	1	-	-	-	-	-
Wife, . . . . .	1	-	-	-	-	1	-	-	-
Contested, . . . . .	3	1	-	1	-	1	-	-	-
Husband, . . . . .	2	1	-	1	-	-	-	-	-
Wife, . . . . .	1	-	-	-	-	1	-	-	-
Not contested, . . . . .	7	5	-	-	1	1	-	-	-
Husband, . . . . .	1	1	-	-	-	-	-	-	-
Wife, . . . . .	6	4	-	-	1	1	-	-	-
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
6 to 11 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
1 to 4 years, . . . . .	3	1	-	1	1	-	-	-	-
Husband, . . . . .	1	-	-	1	-	-	-	-	-
Wife, . . . . .	2	1	-	-	1	-	-	-	-
5 to 9 years, . . . . .	1	-	-	-	-	1	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	-	-	-	-	1	-	-	-
10 to 19 years, . . . . .	2	2	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	2	2	-	-	-	-	-	-	-
20 to 29 years, . . . . .	2	1	-	-	-	1	-	-	-
Husband, . . . . .	1	1	-	-	-	-	-	-	-
Wife, . . . . .	1	-	-	-	-	1	-	-	-
30 years and over, . . . . .	2	2	-	-	-	-	-	-	-
Husband, . . . . .	1	1	-	-	-	-	-	-	-
Wife, . . . . .	1	1	-	-	-	-	-	-	-
Unknown, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years, . . . . .	15.4	18.8	-	4.0	2.0	17.5	-	-	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 20  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 17  
 Number of libels for divorce filed during the year 1919, . . . . . 9  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 4  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 4  
 Number of cases finally determined in 1919, . . . . . 10

Table 22e

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Essex County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-ten-ty.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Essex County.</b>	<b>505</b>	<b>263</b>	<b>147</b>	<b>46</b>	<b>43</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>-</b>
Husband, . . . . .	166	110	14	31	11	-	-	-	-
Wife, . . . . .	339	153	133	15	32	4	1	1	-
Granted, . . . . .	402	220	115	31	30	4	1	1	-
Husband, . . . . .	111	78	10	17	6	-	-	-	-
Wife, . . . . .	291	142	105	14	24	4	1	1	-
Refused, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Dismissed, . . . . .	103	43	32	15	13	-	-	-	-
Husband, . . . . .	55	32	4	14	5	-	-	-	-
Wife, . . . . .	48	11	28	1	8	-	-	-	-
Contested, . . . . .	119	56	44	16	3	-	-	-	-
Husband, . . . . .	54	32	7	13	2	-	-	-	-
Wife, . . . . .	65	24	37	3	1	-	-	-	-
Not contested, . . . . .	386	207	103	30	40	4	1	1	-
Husband, . . . . .	112	78	7	18	9	-	-	-	-
Wife, . . . . .	274	129	96	12	31	4	1	1	-
DURATION OF MARRIAGE.									
Less than 6 months, . . . . .	1	-	1	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	-	1	-	-	-	-	-	-
6 to 11 months, . . . . .	7	-	6	1	-	-	-	-	-
Husband, . . . . .	2	-	1	1	-	-	-	-	-
Wife, . . . . .	5	-	5	-	-	-	-	-	-
1 to 4 years, . . . . .	70	23	28	8	8	2	1	-	-
Husband, . . . . .	16	8	1	6	1	-	-	-	-
Wife, . . . . .	54	15	27	2	7	2	1	-	-
5 to 9 years, . . . . .	143	71	43	12	17	-	-	-	-
Husband, . . . . .	43	23	4	10	6	-	-	-	-
Wife, . . . . .	100	48	39	2	11	-	-	-	-
10 to 19 years, . . . . .	201	117	51	17	13	2	-	1	-
Husband, . . . . .	74	56	5	10	3	-	-	-	-
Wife, . . . . .	127	61	46	7	10	2	-	1	-
20 to 29 years, . . . . .	67	43	13	7	4	-	-	-	-
Husband, . . . . .	24	18	2	3	1	-	-	-	-
Wife, . . . . .	43	25	11	4	3	-	-	-	-
30 years and over, . . . . .	14	8	5	-	1	-	-	-	-
Husband, . . . . .	5	4	1	-	-	-	-	-	-
Wife, . . . . .	9	4	4	-	1	-	-	-	-
Unknown, . . . . .	2	1	-	1	-	-	-	-	-
Husband, . . . . .	2	1	-	1	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years, . . . . .	8.0	13.1	10.6	11.1	10.3	6.7	4.0	10.0	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 689  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 154  
 Number of libels for divorce filed during the year 1919, . . . . . 821  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 426  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 402  
 Number of cases finally determined in 1919, . . . . . 505



Table 22f

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Franklin County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Franklin County.</b>	<b>36<sup>1</sup></b>	<b>12</b>	<b>12</b>	<b>7</b>	<b>4</b>	<b>1</b>	—	—	—
Husband, . . . . .	16	8	1	5	2	—	—	—	—
Wife, . . . . .	20	4	11	2	2	1	—	—	—
Granted, . . . . .	27	10	7	7	3	—	—	—	—
Husband, . . . . .	13	6	1	5	1	—	—	—	—
Wife, . . . . .	14	4	6	2	2	—	—	—	—
Refused, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Dismissed, . . . . .	9	2	5	—	1	1	—	—	—
Husband, . . . . .	3	2	—	—	1	—	—	—	—
Wife, . . . . .	6	—	5	—	—	1	—	—	—
Contested, . . . . .	4	3	—	—	1	—	—	—	—
Husband, . . . . .	4	3	—	—	1	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Not contested, . . . . .	32	9	12	7	3	1	—	—	—
Husband, . . . . .	12	5	1	5	1	—	—	—	—
Wife, . . . . .	20	4	11	2	2	1	—	—	—
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
6 to 11 months, . . . . .	3	—	2	1	—	—	—	—	—
Husband, . . . . .	1	—	—	1	—	—	—	—	—
Wife, . . . . .	2	—	2	—	—	—	—	—	—
1 to 4 years, . . . . .	3	1	2	—	—	—	—	—	—
Husband, . . . . .	1	1	—	—	—	—	—	—	—
Wife, . . . . .	2	—	2	—	—	—	—	—	—
5 to 9 years, . . . . .	8	2	3	—	2	1	—	—	—
Husband, . . . . .	3	2	—	—	1	—	—	—	—
Wife, . . . . .	5	—	3	—	1	1	—	—	—
10 to 19 years, . . . . .	17	6	4	5	2	—	—	—	—
Husband, . . . . .	8	3	1	3	1	—	—	—	—
Wife, . . . . .	9	3	3	2	1	—	—	—	—
20 to 29 years, . . . . .	3	1	1	1	—	—	—	—	—
Husband, . . . . .	1	—	—	1	—	—	—	—	—
Wife, . . . . .	2	1	1	—	—	—	—	—	—
30 years and over, . . . . .	2	2	—	—	—	—	—	—	—
Husband, . . . . .	2	2	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Average number of years, . . . . .	12.1	15.7	9.0	13.0	9.7	8.0	—	—	—

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees <i>nisi</i> had been entered or not), . . . . .	113
Number of libels for divorce pending January 1, 1919, in which decrees <i>nisi</i> had been entered at that date, . . . . .	20
Number of libels for divorce filed during the year 1919, . . . . .	63
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1919, . . . . .	37
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . .	27
Number of cases finally determined in 1919, . . . . .	38

<sup>1</sup> One petition transferred to Hampden County. One petition transferred to Middlesex County.



Table 22g

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Hampden County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port-	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Hampden County.</b>	<b>212<sup>1</sup></b>	<b>111</b>	<b>63</b>	<b>19</b>	<b>16</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>
Husband, . . . . .	60	49	3	14	3	-	-	-	-
Wife, . . . . .	143	62	60	5	13	3	-	-	-
Granted, . . . . .	182	102	48	17	14	1	-	-	-
Husband, . . . . .	60	44	1	12	3	-	-	-	-
Wife, . . . . .	122	58	47	5	11	1	-	-	-
Refused, . . . . .	1	1	-	-	-	-	-	-	-
Husband, . . . . .	1	1	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Dismissed, . . . . .	29	8	15	2	2	2	-	-	-
Husband, . . . . .	8	4	2	2	-	-	-	-	-
Wife, . . . . .	21	4	13	-	2	2	-	-	-
Contested, . . . . .	6	1	4	1	-	-	-	-	-
Husband, . . . . .	2	-	1	1	-	-	-	-	-
Wife, . . . . .	4	1	3	-	-	-	-	-	-
Not contested, . . . . .	206	110	59	18	16	3	-	-	-
Husband, . . . . .	67	49	2	13	3	-	-	-	-
Wife, . . . . .	139	61	57	5	13	3	-	-	-
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	1	-	1	-	-	-	-	-	-
Husband, . . . . .	1	-	-	-	-	-	-	-	-
Wife, . . . . .	1	-	1	-	-	-	-	-	-
6 to 11 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
1 to 4 years, . . . . .	33	9	11	8	3	2	-	-	-
Husband, . . . . .	12	5	1	5	1	-	-	-	-
Wife, . . . . .	21	4	10	3	2	2	-	-	-
5 to 9 years, . . . . .	55	26	23	1	4	1	-	-	-
Husband, . . . . .	18	15	1	1	1	-	-	-	-
Wife, . . . . .	37	11	22	-	3	1	-	-	-
10 to 19 years, . . . . .	85	52	20	8	5	-	-	-	-
Husband, . . . . .	25	18	-	6	1	-	-	-	-
Wife, . . . . .	60	34	20	2	4	-	-	-	-
20 to 29 years, . . . . .	29	17	8	1	3	-	-	-	-
Husband, . . . . .	10	8	1	1	-	-	-	-	-
Wife, . . . . .	19	9	7	-	3	-	-	-	-
30 years and over, . . . . .	8	7	-	-	1	-	-	-	-
Husband, . . . . .	3	3	-	-	-	-	-	-	-
Wife, . . . . .	5	4	-	-	1	-	-	-	-
Unknown, . . . . .	1	-	-	1	-	-	-	-	-
Husband, . . . . .	1	-	-	1	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years, . . . . .	13.3	14.9	10.5	14.8	13.6	4.3	-	-	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 365  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 92  
 Number of libels for divorce filed during the year 1919, . . . . . 406  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 209  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 186  
 Number of cases finally determined in 1919, . . . . . 213

<sup>1</sup> One petition transferred to Hampshire County.

Table 22h

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Hampshire County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Hampshire County.</b>	<b>28</b>	<b>13</b>	<b>7</b>	<b>1</b>	<b>7</b>	-	-	-	-
Husband, . . . . .	9	6	2	1	-	-	-	-	-
Wife, . . . . .	19	7	5	-	7	-	-	-	-
Granted, . . . . .	21	13	3	1	4	-	-	-	-
Husband, . . . . .	8	6	1	1	-	-	-	-	-
Wife, . . . . .	13	7	2	-	4	-	-	-	-
Refused, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Dismissed, . . . . .	7	-	4	-	3	-	-	-	-
Husband, . . . . .	1	-	1	-	-	-	-	-	-
Wife, . . . . .	6	-	3	-	3	-	-	-	-
Contested, . . . . .	7	1	5	-	1	-	-	-	-
Husband, . . . . .	2	-	2	-	-	-	-	-	-
Wife, . . . . .	5	1	3	-	1	-	-	-	-
Not contested, . . . . .	21	12	2	1	6	-	-	-	-
Husband, . . . . .	7	6	-	1	-	-	-	-	-
Wife, . . . . .	14	6	2	-	6	-	-	-	-
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	1	-	1	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	-	1	-	-	-	-	-	-
6 to 11 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
1 to 4 years, . . . . .	7	1	3	1	2	-	-	-	-
Husband, . . . . .	3	1	1	1	-	-	-	-	-
Wife, . . . . .	4	-	2	-	2	-	-	-	-
5 to 9 years, . . . . .	1	1	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	1	-	-	-	-	-	-	-
10 to 19 years, . . . . .	14	8	2	-	4	-	-	-	-
Husband, . . . . .	4	3	1	-	-	-	-	-	-
Wife, . . . . .	10	5	1	-	4	-	-	-	-
20 to 29 years, . . . . .	3	2	1	-	-	-	-	-	-
Husband, . . . . .	1	1	-	-	-	-	-	-	-
Wife, . . . . .	2	1	1	-	-	-	-	-	-
30 years and over, . . . . .	2	1	-	-	1	-	-	-	-
Husband, . . . . .	1	1	-	-	-	-	-	-	-
Wife, . . . . .	1	-	-	-	1	-	-	-	-
Unknown, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years, . . . . .	12.7	15.9	7.9	2.0	13.3	-	-	-	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees <i>nisi</i> had been entered or not), . . . . .	78
Number of libels for divorce pending January 1, 1919, in which decrees <i>nisi</i> had been entered at that date, . . . . .	12
Number of libels for divorce filed during the year 1919, . . . . .	44
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1919, . . . . .	22
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . .	22
Number of cases finally determined in 1919, . . . . .	28

Table 22i

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Middlesex County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Middlesex County.</b>	<b>452</b>	<b>214</b>	<b>154</b>	<b>47</b>	<b>21</b>	<b>14</b>	<b>1</b>	<b>1</b>	<b>-</b>
Husband, . . . . .	138	82	19	31	5	-	1	-	-
Wife, . . . . .	314	132	135	16	16	14	-	1	-
Granted, . . . . .	372	192	115	34	19	10	1	1	-
Husband, . . . . .	99	65	6	23	4	-	1	-	-
Wife, . . . . .	273	127	109	11	15	10	-	1	-
Refused, . . . . .	32	9	16	3	-	4	-	-	-
Husband, . . . . .	19	7	11	1	-	-	-	-	-
Wife, . . . . .	13	2	5	2	-	4	-	-	-
Dismissed, . . . . .	48	13	23	10	2	-	-	-	-
Husband, . . . . .	20	10	2	7	1	-	-	-	-
Wife, . . . . .	28	3	21	3	1	-	-	-	-
Contested, . . . . .	46	11	24	8	1	2	-	-	-
Husband, . . . . .	16	7	6	2	1	-	-	-	-
Wife, . . . . .	30	4	18	6	-	2	-	-	-
Not contested, . . . . .	406	203	130	39	20	12	1	1	-
Husband, . . . . .	122	75	13	29	4	-	1	-	-
Wife, . . . . .	284	128	117	10	16	12	-	1	-
DURATION OF MARRIAGE.									
Less than 6 months, . . . . .	4	-	4	-	-	-	-	-	-
Husband, . . . . .	1	-	1	-	-	-	-	-	-
Wife, . . . . .	3	-	3	-	-	-	-	-	-
6 to 11 months, . . . . .	10	-	7	2	1	-	-	-	-
Husband, . . . . .	4	-	1	2	1	-	-	-	-
Wife, . . . . .	6	-	6	-	-	-	-	-	-
1 to 4 years, . . . . .	73	19	40	6	3	3	1	1	-
Husband, . . . . .	17	4	6	5	1	-	1	-	-
Wife, . . . . .	56	15	34	1	2	3	-	1	-
5 to 9 years, . . . . .	139	70	48	11	6	4	-	-	-
Husband, . . . . .	42	30	6	6	-	-	-	-	-
Wife, . . . . .	97	40	42	5	6	4	-	-	-
10 to 19 years, . . . . .	152	79	37	25	6	5	-	-	-
Husband, . . . . .	50	30	3	15	2	-	-	-	-
Wife, . . . . .	102	49	34	10	4	5	-	-	-
20 to 29 years, . . . . .	61	37	15	3	4	2	-	-	-
Husband, . . . . .	19	13	2	3	1	-	-	-	-
Wife, . . . . .	42	24	13	-	3	2	-	-	-
30 years and over, . . . . .	13	9	3	-	1	-	-	-	-
Husband, . . . . .	5	5	-	-	-	-	-	-	-
Wife, . . . . .	8	4	3	-	1	-	-	-	-
Unknown, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years, . . . . .	11.7	13.4	9.4	11.8	11.6	10.6	4.0	4.0	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 1,909  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 106  
 Number of libels for divorce filed during the year 1919, . . . . . 862  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 429  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 388  
 Number of cases finally determined in 1919, . . . . . 452

Table 22j

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Nantucket County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser- tion.	Cruel and abusive treat- ment.	Adul- tery.	Intoxi- cation.	Non- sup- port.	Impo- tency.	Im- prison- ment.	Nul- lity of mar- riage.
<b>Nantucket County.</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
Husband, . . . . .	1	-	-	-	-	-	1	-	-
Wife, . . . . .	3	1	1	1	-	-	-	-	-
Granted, . . . . .	2	1	1	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	2	1	1	-	-	-	-	-	-
Refused, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Dismissed, . . . . .	2	-	-	1	-	-	1	-	-
Husband, . . . . .	1	-	-	-	-	-	1	-	-
Wife, . . . . .	1	-	-	1	-	-	-	-	-
Contested, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Not contested, . . . . .	4	1	1	1	-	-	1	-	-
Husband, . . . . .	1	-	-	-	-	-	1	-	-
Wife, . . . . .	3	1	1	1	-	-	-	-	-
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
6 to 11 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
1 to 4 years, . . . . .	1	-	1	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	-	1	-	-	-	-	-	-
5 to 9 years, . . . . .	1	-	-	-	-	-	1	-	-
Husband, . . . . .	1	-	-	-	-	-	1	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
10 to 19 years, . . . . .	1	1	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	1	-	-	-	-	-	-	-
20 to 29 years, . . . . .	1	-	-	1	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	-	-	1	-	-	-	-	-
30 years and over, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Unknown, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years, . . . . .	13.5	17.0	4.0	24.0	-	-	9.0	-	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees <i>nisi</i> had been entered or not), . . . . .	6
Number of libels for divorce pending January 1, 1919, in which decrees <i>nisi</i> had been entered at that date, . . . . .	1
Number of libels for divorce filed during the year 1919, . . . . .	5
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1919, . . . . .	-
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . .	3
Number of cases finally determined in 1919, . . . . .	4

Table 22k

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Norfolk County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Norfolk County.</b>	<b>133<sup>1</sup></b>	<b>57</b>	<b>34</b>	<b>18</b>	<b>12</b>	<b>11</b>	<b>1</b>	<b>-</b>	<b>-</b>
Husband, . . . . .	31	18	4	7	1	-	1	-	-
Wife, . . . . .	102	39	30	11	11	11	-	-	-
Granted, . . . . .	101	54	26	12	6	3	-	-	-
Husband, . . . . .	21	17	1	3	-	-	-	-	-
Wife, . . . . .	80	37	25	9	6	3	-	-	-
Refused, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Dismissed, . . . . .	32	3	8	6	6	8	1	-	-
Husband, . . . . .	10	1	3	4	1	-	1	-	-
Wife, . . . . .	22	2	5	2	5	8	-	-	-
Contested, . . . . .	37	6	15	5	6	5	-	-	-
Husband, . . . . .	10	3	3	3	1	-	-	-	-
Wife, . . . . .	27	3	12	2	5	5	-	-	-
Not contested, . . . . .	96	51	19	13	6	6	1	-	-
Husband, . . . . .	21	15	1	4	-	-	1	-	-
Wife, . . . . .	75	36	18	9	6	6	-	-	-
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	-	-	-	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
6 to 11 months, . . . . .	1	-	-	1	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	1	-	-	1	-	-	-	-	-
1 to 4 years, . . . . .	21	2	11	2	2	4	-	-	-
Husband, . . . . .	3	1	-	1	1	-	-	-	-
Wife, . . . . .	18	1	11	1	1	4	-	-	-
5 to 9 years, . . . . .	41	16	7	8	5	5	-	-	-
Husband, . . . . .	10	6	1	3	-	-	-	-	-
Wife, . . . . .	31	10	6	5	5	5	-	-	-
10 to 19 years, . . . . .	44	28	8	3	4	-	1	-	-
Husband, . . . . .	12	9	1	1	-	-	1	-	-
Wife, . . . . .	32	19	7	2	4	-	-	-	-
20 to 29 years, . . . . .	22	9	7	3	1	2	-	-	-
Husband, . . . . .	5	2	2	1	-	-	-	-	-
Wife, . . . . .	17	7	5	2	1	2	-	-	-
30 years and over, . . . . .	3	2	1	-	-	-	-	-	-
Husband, . . . . .	-	-	-	-	-	-	-	-	-
Wife, . . . . .	3	2	1	-	-	-	-	-	-
Unknown, . . . . .	1	-	-	1	-	-	-	-	-
Husband, . . . . .	1	-	-	1	-	-	-	-	-
Wife, . . . . .	-	-	-	-	-	-	-	-	-
Average number of years, . . . . .	12.0	13.5	11.9	9.8	10.6	9.2	11.0	-	-

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 197  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 48  
 Number of libels for divorce filed during the year 1919, . . . . . 224  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 144  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 100  
 Number of cases finally determined in 1919, . . . . . 135

<sup>1</sup> Two petitions transferred to Suffolk County.

Table 221

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANTS: **Plymouth County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Im-po-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Plymouth County.</b>	<b>151</b>	<b>74</b>	<b>53</b>	<b>7</b>	<b>9</b>	<b>6</b>	<b>2</b>	—	—
Husband, . . . . .	45	34	6	4	—	—	1	—	—
Wife, . . . . .	106	40	47	3	9	6	1	—	—
Granted, . . . . .	119	66	36	6	7	3	1	—	—
Husband, . . . . .	35	29	3	3	—	—	—	—	—
Wife, . . . . .	84	37	33	3	7	3	1	—	—
Refused, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Dismissed, . . . . .	32	8	17	1	2	3	1	—	—
Husband, . . . . .	10	5	3	1	—	—	1	—	—
Wife, . . . . .	22	3	14	—	2	3	—	—	—
Contested, . . . . .	30	7	17	2	1	2	1	—	—
Husband, . . . . .	8	4	3	—	—	—	1	—	—
Wife, . . . . .	22	3	14	2	1	2	—	—	—
Not contested, . . . . .	121	67	36	5	8	4	1	—	—
Husband, . . . . .	37	30	3	4	—	—	—	—	—
Wife, . . . . .	84	37	33	1	8	4	1	—	—
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	1	—	—	—	1	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	1	—	—	—	1	—	—	—	—
6 to 11 months, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
1 to 4 years, . . . . .	21	4	11	2	1	3	—	—	—
Husband, . . . . .	5	2	1	2	—	—	—	—	—
Wife, . . . . .	16	2	10	—	1	3	—	—	—
5 to 9 years, . . . . .	43	16	19	1	2	3	2	—	—
Husband, . . . . .	11	7	2	1	—	—	1	—	—
Wife, . . . . .	32	9	17	—	2	3	1	—	—
10 to 19 years, . . . . .	54	33	16	3	2	—	—	—	—
Husband, . . . . .	13	12	1	—	—	—	—	—	—
Wife, . . . . .	41	21	15	3	2	—	—	—	—
20 to 29 years, . . . . .	21	13	5	1	2	—	—	—	—
Husband, . . . . .	12	9	2	1	—	—	—	—	—
Wife, . . . . .	9	4	3	—	2	—	—	—	—
30 years and over, . . . . .	11	8	2	—	1	—	—	—	—
Husband, . . . . .	4	4	—	—	—	—	—	—	—
Wife, . . . . .	7	4	2	—	1	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Average number of years, . . . . .	12.8	15.6	10.1	10.0	14.0	5.0	7.0	—	—

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees <i>nisi</i> had been entered or not), . . . . .	160
Number of libels for divorce pending January 1, 1919, in which decrees <i>nisi</i> had been entered at that date, . . . . .	35
Number of libels for divorce filed during the year 1919, . . . . .	261
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1919, . . . . .	165
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . .	118
Number of cases finally determined in 1919, . . . . .	151



Table 22m

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANTS: **Suffolk County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Suffolk County.</b>	<b>911<sup>1</sup></b>	<b>409</b>	<b>310</b>	<b>95</b>	<b>47</b>	<b>27</b>	<b>1</b>	<b>1</b>	<b>21</b>
Husband, . . . . .	313	178	50	58	14	—	1	—	12
Wife, . . . . .	598	231	260	37	33	27	—	1	9
Granted, . . . . .	767	380	245	70	37	12	1	1	21
Husband, . . . . .	246	158	28	37	10	—	1	—	12
Wife, . . . . .	521	222	217	33	27	12	—	1	9
Refused, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Dismissed, . . . . .	144	29	65	25	10	15	—	—	—
Husband, . . . . .	67	20	22	21	4	—	—	—	—
Wife, . . . . .	77	9	43	4	6	15	—	—	—
Contested, . . . . .	43	8	21	9	1	4	—	—	—
Husband, . . . . .	19	4	8	7	—	—	—	—	—
Wife, . . . . .	24	4	13	2	1	4	—	—	—
Not contested, . . . . .	868	401	289	86	46	23	1	1	21
Husband, . . . . .	294	174	42	51	14	—	1	—	12
Wife, . . . . .	574	227	247	35	32	23	—	1	9
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	20	—	11	1	1	—	—	—	7
Husband, . . . . .	6	—	1	1	1	—	—	—	3
Wife, . . . . .	14	—	10	—	—	—	—	—	4
6 to 11 months, . . . . .	12	—	7	2	1	—	—	—	2
Husband, . . . . .	4	—	1	2	1	—	—	—	—
Wife, . . . . .	8	—	6	—	—	—	—	—	2
1 to 4 years, . . . . .	206	36	106	30	16	10	—	1	7
Husband, . . . . .	63	12	18	21	6	—	—	—	6
Wife, . . . . .	143	24	88	9	10	10	—	1	1
5 to 9 years, . . . . .	292	127	98	36	16	11	—	—	4
Husband, . . . . .	103	59	17	19	5	—	—	—	3
Wife, . . . . .	189	68	81	17	11	11	—	—	1
10 to 19 years, . . . . .	282	173	66	22	13	6	1	—	1
Husband, . . . . .	98	71	13	12	1	—	1	—	—
Wife, . . . . .	184	102	53	10	12	6	—	—	1
20 to 29 years, . . . . .	80	57	20	3	—	—	—	—	—
Husband, . . . . .	32	30	—	2	—	—	—	—	—
Wife, . . . . .	48	27	20	1	—	—	—	—	—
30 years and over, . . . . .	19	16	2	1	—	—	—	—	—
Husband, . . . . .	7	6	—	1	—	—	—	—	—
Wife, . . . . .	12	10	2	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Average number of years, . . . . .	10.2	13.5	8.0	7.8	7.0	6.9	17.0	4.0	2.7

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 3,128  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 222  
 Number of libels for divorce filed during the year 1919, . . . . . 1,789  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 815  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 747  
 Number of cases finally determined in 1919, . . . . . 922

<sup>1</sup> One petition for separate support. One appeal from probate court dismissed. One petition to enter probate appeal denied. Eight petitions transferred from Suffolk County to other counties.



Table 22n

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Worcester County — 1919.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
<b>Worcester County.</b>	<b>366</b>	<b>168</b>	<b>123</b>	<b>35</b>	<b>31</b>	<b>7</b>	<b>2</b>	—	—
Husband, . . . . .	112	71	12	25	4	—	—	—	—
Wife, . . . . .	254	97	111	10	27	7	2	—	—
Granted, . . . . .	260	136	74	24	21	4	1	—	—
Husband, . . . . .	73	52	2	17	2	—	—	—	—
Wife, . . . . .	187	84	72	7	19	4	1	—	—
Refused, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Dismissed, . . . . .	106	32	49	11	10	3	1	—	—
Husband, . . . . .	39	19	10	8	2	—	—	—	—
Wife, . . . . .	67	13	39	3	8	3	1	—	—
Contested, . . . . .	49	14	20	8	5	1	1	—	—
Husband, . . . . .	20	8	5	6	1	—	—	—	—
Wife, . . . . .	29	6	15	2	4	1	1	—	—
Not contested, . . . . .	317	154	103	27	26	6	1	—	—
Husband, . . . . .	92	63	7	19	3	—	—	—	—
Wife, . . . . .	225	91	96	8	23	6	1	—	—
<b>DURATION OF MARRIAGE.</b>									
Less than 6 months, . . . . .	5	—	2	1	—	1	1	—	—
Husband, . . . . .	1	—	—	1	—	—	—	—	—
Wife, . . . . .	4	—	2	—	—	1	1	—	—
6 to 11 months, . . . . .	2	—	2	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	2	—	2	—	—	—	—	—	—
1 to 4 years, . . . . .	69	17	31	9	9	3	—	—	—
Husband, . . . . .	17	7	3	6	1	—	—	—	—
Wife, . . . . .	52	10	28	3	8	3	—	—	—
5 to 9 years, . . . . .	104	51	37	8	7	1	—	—	—
Husband, . . . . .	27	18	5	4	—	—	—	—	—
Wife, . . . . .	77	33	32	4	7	1	—	—	—
10 to 19 years, . . . . .	135	68	37	16	11	2	1	—	—
Husband, . . . . .	54	36	3	13	2	—	—	—	—
Wife, . . . . .	81	32	34	3	9	2	1	—	—
20 to 29 years, . . . . .	44	26	13	1	4	—	—	—	—
Husband, . . . . .	9	6	1	1	1	—	—	—	—
Wife, . . . . .	35	20	12	—	3	—	—	—	—
30 years and over, . . . . .	7	6	1	—	—	—	—	—	—
Husband, . . . . .	4	4	—	—	—	—	—	—	—
Wife, . . . . .	3	2	1	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Husband, . . . . .	—	—	—	—	—	—	—	—	—
Wife, . . . . .	—	—	—	—	—	—	—	—	—
Average number of years, . . . . .	11.3	13.2	9.8	9.1	10.6	6.4	15.0	—	—

Number of libels for divorce pending January 1, 1919 (including all cases, whether decrees *nisi* had been entered or not), . . . . . 463  
 Number of libels for divorce pending January 1, 1919, in which decrees *nisi* had been entered at that date, . . . . . 66  
 Number of libels for divorce filed during the year 1919, . . . . . 457  
 Number of libels for divorce in which decrees *nisi* were entered during the year 1919, . . . . . 296  
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1919, . . . . . 259  
 Number of cases finally determined in 1919, . . . . . 366

Table 23		DIVORCES: 1860 TO 1919.				YEARS.		DIVORCES: 1860 TO 1919.					
		Total number.	GRANTED TO HUSBAND.		GRANTED TO WIFE.			Total number.	GRANTED TO HUSBAND.		GRANTED TO WIFE.		
			Num-ber.	Per cent.	Num-ber.				Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.
1860 to 1919.	62,690	18,537	29.6	44,153	70.4	1889, . . .	756	258	34.1	498	65.9		
1860, . . .	243	93	38.3	150	61.7	1890, . . .	654	220	33.6	434	66.4		
1861, . . .	234	71	30.3	163	69.7	1891, . . .	799	243	30.4	556	69.6		
1862, . . .	196	70	35.7	126	64.3	1892, . . .	790	246	31.1	544	68.9		
1863, . . .	207	82	39.6	125	60.4	1893, . . .	1,045	325	31.1	720	68.9		
1864, . . .	270	90	33.3	180	66.7	1894, . . .	1,108	311	28.1	797	71.9		
1865, . . .	333	133	39.9	200	60.1	1895, . . .	954	288	30.2	666	69.8		
1866, . . .	392	171	43.6	221	56.4	1896, . . .	1,230	376	30.6	854	69.4		
1867, . . .	282	99	35.1	183	64.9	1897, . . .	1,124	319	28.4	805	71.6		
1868, . . .	339	98	28.9	241	71.1	1898, . . .	1,182	361	30.5	821	69.5		
1869, . . .	339	127	37.5	212	62.5	1899, . . .	1,163	335	28.8	828	71.2		
1870, . . .	379	138	36.4	241	63.6	1900, . . .	1,258	376	29.9	882	70.1		
1871, . . .	325	124	38.2	201	61.8	1901, . . .	1,376	408	29.7	968	70.3		
1872, . . .	343	119	34.7	224	65.3	1902, . . .	1,479	469	31.7	1,010	68.3		
1873, . . .	449	142	31.6	307	68.4	1903, . . .	1,720	464	27.0	1,256	73.0		
1874, . . .	647	187	28.9	460	71.1	1904, . . .	1,698	471	27.7	1,227	72.3		
1875, . . .	577	209	36.2	368	63.8	1905, . . .	1,554	407	26.2	1,147	73.8		
1876, . . .	525	128	24.4	397	75.6	1906, . . .	1,752	486	27.7	1,266	72.3		
1877, . . .	553	137	24.8	416	75.2	1907, . . .	1,932	556	28.8	1,376	71.2		
1878, . . .	600	182	30.3	418	69.7	1908, . . .	1,766	497	28.1	1,269	71.9		
1879, . . .	546	157	28.8	389	71.2	1909, . . .	1,739	477	27.4	1,262	72.6		
1880, . . .	580	177	30.5	403	69.5	1910, . . .	1,929	517	26.8	1,412	73.2		
1881, . . .	409	129	31.5	280	68.5	1911, . . .	2,137	597	27.9	1,540	72.1		
1882, . . .	515	130	25.2	385	74.8	1912, . . .	1,927	557	28.9	1,370	71.1		
1883, . . .	655	194	29.6	461	70.4	1913, . . .	2,126	653	30.7	1,473	69.3		
1884, . . .	614	204	33.2	410	66.8	1914, . . .	2,200	591	26.9	1,609	73.1		
1885, . . .	645	214	33.1	431	66.9	1915, . . .	2,252	632	28.1	1,620	71.9		
1886, . . .	600	180	30.0	420	70.0	1916, . . .	2,301	650	28.2	1,651	71.8		
1887, . . .	796	241	30.3	555	69.7	1917, . . .	2,635	771	29.3	1,864	70.7		
1888, . . .	624	192	30.8	432	69.2	1918, . . .	2,351	704	29.9	1,647	70.1		
						1919, . . .	2,536	754	29.7	1,782	70.3		

Table 24	PERIODS OF YEARS.	DIVORCES GRANTED: 1860 TO 1919.			Per cent increase in total popula- tion over preceding census.
		Total number.	INCREASE OVER PRECED- ING PERIOD.		
			Number.	Per cent.	
1860 to 1864, . . . . .	1,150	-	-	2.9	
1865 to 1869, . . . . .	1,685	535	46.5	15.0	
1870 to 1874, . . . . .	2,143	458	27.2	13.4	
1875 to 1879, . . . . .	2,801	658	30.7	7.9	
1880 to 1884, . . . . .	2,773	28 <sup>1</sup>	.9 <sup>1</sup>	8.9	
1885 to 1889, . . . . .	3,421	648	23.4	15.3	
1890 to 1894, . . . . .	4,396	975	28.5	11.7	
1895 to 1899, . . . . .	5,653	1,257	28.6	12.2	
1900 to 1904, . . . . .	7,531	1,878	33.2	7.1	
1905 to 1909, . . . . .	8,743	1,212	16.1	12.1	
1910 to 1914, . . . . .	10,319	1,576	18.0	8.2	
1915 to 1919, . . . . .	12,075	1,756	17.0	3.9	

<sup>1</sup> Decrease.

Table 25

COMPARISON OF INCREASE IN DIVORCE WITH INCREASE  
IN POPULATION: 1870 TO 1919.

CENSUS YEARS.	DIVORCES.			POPULATION.			Popu- lation to one divorce.	Divorces per 100,000 popula- tion.
	Total num- ber.	INCREASE OVER PRECEDING CENSUS YEAR.		Total.	INCREASE OVER PRECEDING CENSUS YEAR.			
		Num- ber.	Per cent.		Num- ber.	Per cent.		
1870, . . . . .	379	46	13.8	1,457,351	190,320	15.0	3,845	26.0
1875, . . . . .	577	198	52.2	1,651,912	194,561	13.4	2,863	34.9
1880, . . . . .	580	3	.5	1,783,085	131,173	7.9	3,074	32.5
1885, . . . . .	645	65	11.2	1,942,141	159,056	8.9	3,011	33.2
1890, . . . . .	654	9	1.4	2,238,943	296,802	15.3	3,423	29.2
1895, . . . . .	954	300	45.9	2,500,183	261,240	11.7	2,621	38.2
1900, . . . . .	1,258	304	31.9	2,805,346	305,163	12.2	2,230	44.8
1905, . . . . .	1,554	296	23.5	3,003,680	198,334	7.1	1,933	51.7
1910, . . . . .	1,929	375	24.1	3,366,416	362,736	12.1	1,745	57.3
1915, . . . . .	2,252	323	16.7	3,693,310	326,894	9.7	1,640	61.0
1916, . . . . .	2,301	49	2.2	3,775,720	82,410	2.2	1,641	60.9
1917, . . . . .	2,635	383	17.0	3,841,648	148,338	4.0	1,458	68.6
1918, . . . . .	2,351	99	4.4	3,907,576	214,266	5.8	1,662	60.2
1919, . . . . .	2,536	284	12.6	3,835,614	142,304	3.9	1,512	66.1

Table 26

DIVORCE RATES BASED ON TOTAL POPULATION AND ON  
MARRIED POPULATION: CENSUS YEARS 1870 TO 1915.

CENSUS YEARS.		POPULATION.		DIVORCE: ANNUAL AVERAGE. <sup>1</sup>		Married popu- lation to one divorce.	Divorces per 100,000 married popu- lation.
		Total.	Married.	Number.	Per 100,000 popu- lation.		
1870,	.	1,457,351	— <sup>2</sup>	345	25	—	—
1875,	.	1,651,912	645,245	550	33	1,173	85
1880,	.	1,783,085	— <sup>2</sup>	530	30	—	—
1885,	.	1,942,141	739,586	662	34	1,117	90
1890,	.	2,238,943	843,208	725	32	1,163	86
1895,	.	2,500,183	943,245	1,092	44	864	116
1900,	.	2,805,346	1,053,898	1,292	47	816	123
1905,	.	3,003,680	1,134,320	1,731	58	655	153
1910,	.	3,366,416	1,300,271	1,900	56	684	146
1915,	.	3,693,310	1,474,590	2,303	62	640	156

<sup>1</sup> For the five-year period of which the census year is the median year.<sup>2</sup> Not tabulated.

Table 27	ANNUAL AVERAGE <sup>1</sup> NUMBER OF DIVORCES IN THE STATE AND IN EACH COUNTY: CENSUS YEARS 1880 TO 1915.											
	NUMBER.						RATE PER 100,000 POPULATION.					
	1915.	1910.	1905.	1900.	1890.	1880.	1915.	1910.	1905.	1900.	1890.	1880.
<b>The State.</b>	<b>2,303</b>	<b>1,900</b>	<b>1,731</b>	<b>1,292</b>	<b>724</b>	<b>530</b>	<b>61</b>	<b>56</b>	<b>58</b>	<b>46</b>	<b>32</b>	<b>30</b>
Barnstable, . . .	22	16	14	11	12	57 <sup>2</sup>	73	57	54	40	41	32 <sup>2</sup>
Berkshire, . . .	65	57	56	41	22	22	49	54	57	43	27	32
Bristol, . . .	184	140	139	99	46	46	50	44	52	39	25	33
Dukes, . . .	3	2	1	2	1	- <sup>2</sup>	41	53	31	44	23	- <sup>2</sup>
Essex, . . .	304	268	230	183	115	86	64	61	60	51	38	35
Franklin, . . .	28	27	26	20	10	11	56	62	60	49	26	31
Hampden, . . .	172	130	107	78	53	35	65	56	55	44	39	34
Hampshire, . . .	22	22	22	16	11	12	32	34	34	27	21	25
Middlesex, . . .	388	311	313	231	85	77	52	46	52	41	20	24
Nantucket, . . .	1	1	-	2	1	- <sup>2</sup>	32	20	14	67	31	- <sup>2</sup>
Norfolk, . . .	86	75	52	39	25	14	44	40	31	26	21	15
Plymouth, . . .	122	108	94	66	41	25	74	75	73	58	44	34
Suffolk, . . .	696	544	499	379	207	124	85	74	76	62	43	32
Worcester, . . .	209	200	176	140	90	65	45	50	49	40	32	29

<sup>1</sup> For the five-year period of which the census year is the median year.

<sup>2</sup> The number of divorces and divorce rates shown after Barnstable County for 1880 are for Barnstable, Dukes, and Nantucket counties combined.

Table 28	DIVORCES GRANTED FOR SPECIFIED CAUSES FOR 60 YEARS: 1860 TO 1919.								
	TOTAL.			GRANTED TO HUSBAND.			GRANTED TO WIFE.		
	Num-ber.	Per cent.	Per cent distribution.	Num-ber.	Per cent.	Per cent distribution.	Num-ber.	Per cent.	Per cent distribution.
<b>All Causes.</b>	<b>62,690</b>	<b>100.0</b>	<b>100.0</b>	<b>18,537</b>	<b>29.6</b>	<b>100.0</b>	<b>44,153</b>	<b>70.4</b>	<b>100.0</b>
Desertion, . . .	29,439	100.0	46.9	10,923	37.1	58.9	18,516	62.9	41.9
Adultery, . . .	11,698	100.0	18.7	5,952	50.9	32.1	5,746	49.1	13.0
Cruel and abusive treat-ment.	10,535	100.0	16.8	407	3.9	2.2	10,128	96.1	22.9
Intoxication, . . .	7,012	100.0	11.2	1,034	14.7	5.6	5,978	85.3	13.6
Neglect to provide, . .	1,795	100.0	2.9	-	-	-	1,795	100.0	4.1
Extreme cruelty, . . .	1,490 <sup>1</sup>	100.0	2.4	27	1.8	.2	1,463	98.2	3.3
Nullity of marriage, . .	362	100.0	.6	149	41.2	.8	213	58.8	.5
Imprisonment, . . .	216	100.0	.3	5	2.3	- <sup>2</sup>	211	97.7	.5
Impotency, . . .	143	100.0	.2	40	28.0	.2	103	72.0	.2

<sup>1</sup> Since 1910 "extreme cruelty" has been classified with "cruel and abusive treatment."

<sup>2</sup> Less than one-tenth of 1 per cent.

Table 29

## STATUTORY CAUSES OF DIVORCE: 1860 TO 1919.

YEARS DIVORCES WERE GRANTED.	All causes.	Deser- tion.	Adul- tery.	Cruel and abusive treat- ment.	Intoxi- cation.	Neg- lect to pro- vide.	Ex- treme cruelty.	Nul- lity of mar- riage.	Im- prison- ment.	Impo- tency.
1860 to 1919.	62,690	29,439	11,698	10,535	7,012	1,795	1,490 <sup>1</sup>	362	216	143
1860, . . .	243	121	118	-	-	1	1	-	1	1
1861, . . .	234	120	98	-	-	3	10	-	2	1
1862, . . .	196	95	90	-	-	3	4	-	4	-
1863, . . .	207	95	97	-	-	6	6	-	1	2
1864, . . .	270	129	128	-	-	4	9	-	-	-
1865, . . .	333	133	181	-	-	10	9	-	-	-
1866, . . .	392	142	234	-	-	3	10	-	2	1
1867, . . .	282	80	179	-	-	9	7	-	5	2
1868, . . .	339	128	193	-	-	7	7	-	3	1
1869, . . .	339	128	188	-	-	6	12	-	4	1
1870, . . .	379	139	219	3	1	4	11	-	2	-
1871, . . .	325	141	164	4	1	7	4	-	1	3
1872, . . .	343	151	167	3	3	3	13	-	2	1
1873, . . .	449	192	180	8	33	6	23	-	7	-
1874, . . .	647	284	173	27	73	32	56	-	2	-
1875, . . .	577	254	132	35	91	14	46	-	3	2
1876, . . .	525	217	117	36	90	18	45	-	2	-
1877, . . .	553	214	143	54	74	7	59	-	2	-
1878, . . .	600	250	148	53	86	11	43	-	7	2
1879, . . .	546	264	131	41	67	12	29	-	2	-
1880, . . .	580	264	153	59	62	7	30	-	3	2
1881, . . .	409	197	104	36	42	12	16	-	2	-
1882, . . .	515	258	117	24	73	12	28	-	3	-
1883, . . .	655	321	157	50	83	13	29	-	1	1
1884, . . .	614	278	163	58	79	9	22	-	4	1
1885, . . .	645	306	151	55	86	4	35	-	5	3
1886, . . .	600	275	125	62	98	7	32	-	1	-
1887, . . .	796	397	179	72	111	16	16	-	5	-
1888, . . .	624	304	126	59	89	12	22	4	5	3
1889, . . .	756	378	146	69	101	20	36	4	-	2
1890, . . .	654	335	136	56	88	11	17	7	3	1
1891, . . .	799	389	140	94	109	18	39	5	2	3
1892, . . .	790	376	166	86	104	29	18	6	4	1
1893, . . .	1,045	498	219	134	140	16	26	6	5	1
1894, . . .	1,107	511	221	118	154	32	58	9	4	-
1895, . . .	954	473	183	90	101	30	67	8	1	1
1896, . . .	1,230	583	254	124	154	39	65	5	6	-
1897, . . .	1,123	514	204	147	123	54	61	14	3	3
1898, . . .	1,182	500	243	184	150	58	30	6	6	5
1899, . . .	1,163	532	219	137	175	27	58	9	6	-
1900, . . .	1,258	591	229	195	152	51	32	2	5	1
1901, . . .	1,376	649	256	153	181	50	72	11	2	2
1902, . . .	1,480	687	273	191	199	62	53	8	5	2
1903, . . .	1,721	768	299	334	220	68	9	9	5	9
1904, . . .	1,698	801	290	333	193	52	7	10	7	5
1905, . . .	1,554	718	245	324	194	49	3	13	6	2
1906, . . .	1,752	802	291	336	240	66	1	7	5	4
1907, . . .	1,932	859	303	328	297	54	67	15	4	5
1908, . . .	1,766	815	259	379	232	53	3	16	3	6
1909, . . .	1,739	782	246	355	212	49	71	8	8	8
1910, . . .	1,929	849	282	382	255	76	63	13	4	5
1911, . . .	2,137	964	323	478	282	74	-	8	3	5
1912, . . .	1,927	946	219	474	214	44	-	20	6	4
1913, . . .	2,126	1,002	259	501	260	79	-	17	4	4
1914, . . .	2,200	1,095	224	525	244	83	-	20	5	4
1915, . . .	2,252	1,124	235	571	214	72	-	21	4	11
1916, . . .	2,301	1,157	234	644	193	43	-	16	9	5
1917, . . .	2,635	1,345	268	687	236	68	-	21	5	5
1918, . . .	2,351	1,191	249	619	195	65	-	23	2	7
1919, . . .	2,536	1,328	228	748	158	45	-	21	3	5

<sup>1</sup> Since 1910 "extreme cruelty" has been classified with "cruel and abusive treatment."



Table 30

APPLICATIONS FOR DIVORCE: 1882 TO 1919.

YEARS OF APPLICA- TION.	Total.	GRANTED.		REFUSED.		DISMISSED.		CONTESTED.		NOT CONTESTED.	
		Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.
<b>1882 to 1919.</b>	<b>70,272</b>	<b>53,957</b>	<b>76.8</b>	<b>1,269</b>	<b>1.8</b>	<b>15,046</b>	<b>21.4</b>	<b>7,826<sup>1</sup></b>	<b>11.1</b>	<b>60,197<sup>1</sup></b>	<b>85.7</b>
1882 to 1892.	10,336	7,463	72.4	563	5.4	2,290	22.2	1,085 <sup>1</sup>	13.4	7,002 <sup>1</sup>	86.6
1882, <sup>1</sup>	712	547	76.8	165	-	n.s.	-	144	20.2	568	80.0
1883, <sup>1</sup>	943	655	69.5	66	7.0	222	23.5	105	14.5	616	85.4
1884, <sup>1</sup>	911	615	67.5	50	5.5	246	27.0	99	14.9	566	85.1
1885, <sup>1</sup>	974	646	66.3	47	4.8	281	28.9	86	12.4	607	87.6
1886, <sup>1</sup>	848	601	70.9	42	5.0	205	24.2	83	12.9	560	87.1
1887, <sup>1</sup>	1,147	796	69.4	47	4.1	304	26.5	116	13.8	727	86.2
1888, <sup>1</sup>	1,221	624	51.1	45	3.7	552	45.2	88	13.2	581	86.8
1889, <sup>1</sup>	898	756	84.2	14	1.6	128	14.3	84	10.9	686	89.1
1890, <sup>1</sup>	780	654	83.8	21	2.7	105	13.5	85	12.6	590	87.4
1891, <sup>1</sup>	624	799	86.5	19	2.1	106	11.5	107	13.1	711	86.9
1892, <sup>1</sup>	678	790	80.8	47	4.8	141	14.4	88	10.0	790	90.0
1893 to 1919.	59,936	49,474	77.5	706	1.2	12,756	21.3	6,741	11.2	53,195	88.8
1893.	1,350	1,045	77.4	38	2.8	267	19.8	223	16.5	1,127	83.5
1894.	1,622	1,107	68.2	24	1.5	491	30.3	290	17.9	1,332	82.1
1895.	1,141	954	83.6	42	3.7	145	12.7	162	14.2	979	85.8
1896.	1,610	1,230	76.4	45	2.8	335	20.8	260	13.9	1,350	86.1
1897.	1,610	1,123	69.8	56	3.5	431	26.8	227	14.1	1,383	85.9
1898.	1,843	1,182	64.1	15	.8	646	35.1	270	14.7	1,573	85.3
1899.	1,784	1,163	65.2	11	.6	610	34.2	168	9.4	1,616	90.6
1900.	1,413	1,258	89.0	10	.7	145	10.3	167	11.8	1,246	88.2
1901.	1,637	1,376	84.1	9	.5	252	15.4	202	12.3	1,435	87.7
1902.	1,863	1,480	79.4	12	.6	371	19.9	260	14.0	1,603	86.0
1903.	2,233	1,721	77.1	33	1.5	479	21.5	338	15.1	1,895	84.9
1904.	2,184	1,658	77.7	98	4.5	388	17.8	436	20.0	1,748	80.0
1905.	1,822	1,554	85.3	30	1.6	238	13.1	292	16.0	1,530	84.0
1906.	2,610	1,752	67.1	18	.7	839	32.1	153	6.0	2,457	94.1
1907.	2,259	1,932	85.5	24	1.1	303	13.4	184	8.1	2,075	91.9
1908.	2,135	1,766	82.7	12	.6	357	16.7	162	7.6	1,973	92.4
1909.	2,366	1,739	73.5	37	1.6	590	24.9	248	10.5	2,118	89.5
1910.	2,473	1,929	78.0	13	.5	531	21.5	238	9.6	2,235	90.4
1911.	2,906	2,137	73.5	-	-	772	26.5	290	10.0	2,619	90.0
1912.	2,532	1,927	76.1	12	.5	593	23.4	259	10.2	2,273	90.0
1913.	2,640	2,126	80.5	30	1.1	484	18.3	237	9.0	2,403	91.0
1914.	2,964	2,200	74.2	25	.8	738	24.9	267	9.0	2,697	91.0
1915.	2,728	2,252	82.6	-	-	476	17.4	203	7.4	2,525	92.6
1916.	2,789	2,301	82.5	23	.8	465	16.7	193	6.9	2,596	93.1
1917.	3,221	2,635	81.8	24	.7	562	17.5	258	8.0	2,963	92.0
1918.	3,077	2,351	76.4	31	1.0	695	22.6	366	11.9	2,711	88.1
1919.	3,121	2,536	81.3	33	1.1	552	17.7	388	12.4	2,733	87.6

<sup>1</sup> No data available showing facts as to contest in case of libels dismissed in the years 1882 to 1892.

Table 31 STATUTORY CAUSE AND PARTY TO WHICH GRANTED.	DIVORCES GRANTED CLASSIFIED BY STATUTORY CAUSE AND PARTY TO WHICH GRANTED: 1919.				
	Total number.	CASES CONTESTED.		CASES NOT CONTESTED.	
		Number.	Per cent.	Number.	Per cent.
<b>All Causes.</b>	<b>2,536</b>	<b>199</b>	<b>7.8</b>	<b>2,337</b>	<b>92.2</b>
<b>Husband,</b>	<b>754</b>	<b>56</b>	<b>7.4</b>	<b>698</b>	<b>92.6</b>
<b>Wife,</b>	<b>1,782</b>	<b>143</b>	<b>8.0</b>	<b>1,639</b>	<b>92.0</b>
Desertion,	1,338	74	5.6	1,264	94.4
Husband,	520	31	6.0	489	94.0
Wife,	808	43	5.3	765	94.7
Cruel and abusive treatment,	748	86	11.5	662	88.5
Husband,	56	8	— <sup>1</sup>	48	— <sup>1</sup>
Wife,	692	78	11.3	614	88.7
Adultery,	228	26	11.4	202	88.6
Husband,	134	13	9.7	121	90.3
Wife,	94	13	— <sup>1</sup>	81	— <sup>1</sup>
Intoxication,	158	10	6.3	148	93.7
Husband,	30	4	— <sup>1</sup>	26	— <sup>1</sup>
Wife,	128	6	4.7	122	95.3
Non-support,	45	3	— <sup>1</sup>	42	— <sup>1</sup>
Husband,	—	—	— <sup>1</sup>	—	— <sup>1</sup>
Wife,	45	3	— <sup>1</sup>	42	— <sup>1</sup>
Impotency,	5	—	— <sup>1</sup>	5	— <sup>1</sup>
Husband,	2	—	— <sup>1</sup>	2	— <sup>1</sup>
Wife,	3	—	— <sup>1</sup>	3	— <sup>1</sup>
Imprisonment,	3	—	— <sup>1</sup>	3	— <sup>1</sup>
Husband,	—	—	— <sup>1</sup>	—	— <sup>1</sup>
Wife,	3	—	— <sup>1</sup>	3	— <sup>1</sup>
Nullity of marriage,	21	—	— <sup>1</sup>	21	— <sup>1</sup>
Husband,	12	—	— <sup>1</sup>	12	— <sup>1</sup>
Wife,	9	—	— <sup>1</sup>	9	— <sup>1</sup>

<sup>1</sup> Per cent not shown where base is less than 100.

Table 32 PARTY TO WHICH GRANTED.	LIBELS FOR DIVORCE GRANTED AND NOT GRANTED, CONTESTED AND NOT CONTESTED, CLASSIFIED BY PARTY TO WHICH GRANTED: 1919.							
	TOTAL.		GRANTED.		REFUSED.		DISMISSED.	
	Con- tested.	Not con- tested.	Con- tested.	Not con- tested.	Con- tested.	Not con- tested.	Con- tested.	Not con- tested.
<b>Total.</b>	<b>388</b>	<b>2,733</b>	<b>199</b>	<b>2,337</b>	<b>14</b>	<b>19</b>	<b>175</b>	<b>377</b>
Husband,	155	851	56	698	6	14	93	139
Wife,	233	1,882	143	1,639	8	5	82	238



Table 33

NUMBER OF YEARS LIBELLANTS WERE MARRIED AT TIME OF APPLICATION FOR DIVORCE: 1882 TO 1919.<sup>1</sup>

YEARS OF APPLICATION.	Total.	Under 6 months.	6 to 11 months.	1 to 4 years.	5 to 9 years.	10 to 19 years.	20 to 29 years.	30 years and over.	Average.
<b>1882 to 1919.</b>	<b>67,949</b>	<b>481</b>	<b>490</b>	<b>12,678</b>	<b>21,190</b>	<b>23,564</b>	<b>7,657</b>	<b>1,884</b>	<b>-</b>
<i>1882 to 1892.</i>	<i>8,027</i>	<i>33</i>	<i>38</i>	<i>1,239</i>	<i>2,593</i>	<i>3,043</i>	<i>844</i>	<i>237</i>	<i>-</i>
<i>1893 to 1919.</i>	<i>59,922</i>	<i>448</i>	<i>452</i>	<i>11,439</i>	<i>18,597</i>	<i>20,521</i>	<i>6,813</i>	<i>1,647</i>	<i>-</i>
1893, . . . . .	1,348	8	9	237	421	477	147	49	11.6
1894, . . . . .	1,620	16	17	320	477	576	165	49	11.5
1895, . . . . .	1,139	7	8	216	336	418	129	25	11.5
1896, . . . . .	1,609	14	9	279	512	569	179	47	11.5
1897, . . . . .	1,607	9	8	288	508	561	184	49	11.3
1898, . . . . .	1,843	12	3	347	583	645	193	60	11.0
1899, . . . . .	1,784	3	2	340	568	626	185	50	11.0
1900, . . . . .	1,413	4	2	247	444	534	138	44	11.3
1901, . . . . .	1,637	9	2	299	514	599	175	39	11.0
1902, . . . . .	1,863	13	3	355	545	691	202	54	11.2
1903, . . . . .	2,233	17	28	333	673	858	251	73	11.4
1904, . . . . .	2,184	25	31	413	634	781	234	66	10.9
1905, . . . . .	1,819	9	23	361	572	621	184	49	11.0
1906, . . . . .	2,610	41	2	485	820	890	303	69	10.7
1907, . . . . .	2,259	22	5	411	715	776	269	61	11.2
1908, . . . . .	2,135	8	12	556	613	665	235	46	11.0
1909, . . . . .	2,366	21	32	406	726	822	283	76	11.2
1910, . . . . .	2,473	30	-	526	740	829	285	63	10.8
1911, . . . . .	2,909	20	29	543	880	974	406	57	11.2
1912, . . . . .	2,532	3	21	501	820	823	304	60	10.5
1913, . . . . .	2,640	23	23	479	835	891	318	71	11.2
1914, . . . . .	2,963	20	1	809	910	850	307	66	10.9
1915, . . . . .	2,728	20	23	437	946	940	280	82	10.7
1916, . . . . .	2,789	20	32	548	917	887	316	69	10.6
1917, . . . . .	3,221	13	49	585	1,026	1,079	375	93	10.9
1918, . . . . .	3,077	26	41	567	937	1,035	382	89	11.1
1919, . . . . .	3,121	35	37	551	925	1,104	374	91	10.9

<sup>1</sup> Exclusive of those for which duration of marriage was unknown.



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IV

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MORTALITY STATISTICS

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## IV.

### MORTALITY STATISTICS.

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#### INTRODUCTION.

##### *A. General Mortality.*

*Death Registration.*<sup>2</sup> — Massachusetts was one of the first American States in which dependable registration was enforced, the earliest legislation in Massachusetts being the requirement for the keeping of records of births, marriages, and deaths adopted by the Massachusetts Bay Colony in 1639. In 1880 the registration area for deaths established by the United States Bureau of the Census, *i.e.*,

<sup>1</sup> For a list of the tables on mortality statistics, see pages v to vii.

<sup>2</sup> A list of the practical uses of death certificates will be found in the Seventy-sixth Annual Report on Births, Marriages, and Deaths in Massachusetts, 1917, pages 108, 109.

the States, and cities in other States, effectively enforcing satisfactory registration laws of all deaths registered, included but two States, Massachusetts and New Jersey, the District of Columbia, and a number of cities in nonregistration States.

During the period 1841 to 1919, inclusive, 2,786,629 deaths have been reported, recorded, and tabulated in the Division of Vital Statistics.

These records are not only on file in the cities and towns in which they occurred and in the city and town given as the residence of the deceased at the time of death, but also at the State House. All such deaths recorded in the Division of Vital Statistics are indexed in alphabetical lists of five-year periods, and are easily accessible to the public at any time during office hours.

*Purpose.* — Death registration often gives the first intimation of pestilential disease, permitting health officers to attack epidemics in their incipency. It serves as evidence in the inheritance of property and in the settlement of life insurance. It is useful in preventing crime through the restriction placed upon the disposal of dead human bodies, and insures a permanent and uniform record of the death of each individual for both sentimental and legal reasons.

*Mortality Statistics.* — Mortality statistics, or statistics of deaths, are useful in showing the extent and rate of change in population produced by deaths, the average duration of life, the relative frequency with which the several causes produce death, and for their service in creating an interest in public health administration and securing support for sanitary measures. In comparison with birth statistics they give useful information regarding population increase or decrease. Mortality statistics, however, cannot be used as an index of the prevalence of certain diseases, because there is no fixed ratio between sickness and fatality. Only cases of fatal sickness or disease are given, while morbidity statistics include all cases, whether fatal or not.

*Source of Data.* — Mortality statistics are based upon original data obtained by the registration of deaths, which is accomplished by the use of a blank or schedule known as the standard death certificate. The registration law of Massachusetts provides that —

Each town clerk shall receive or obtain and record in separate columns the following facts relative to . . . deaths in his town:

In the record of deaths, date of record, date of death, name of deceased, sex,

color, condition (whether single, widowed, married or divorced), supposed age, residence, occupation, place of death, place of birth, names and places of birth of the parents, maiden name of the mother, disease or cause of death, defined so that it can be classified under the international classification of causes of death, place of burial, name of the cemetery, if any, and if deceased was a married or divorced woman or a widow, her maiden name and the name of her husband. The word "residence", as used in this section, shall be held to include the name of the street and number, if any, of the house.

The standard certificate of death in use in Massachusetts is similar to that used throughout the registration area of the United States.

The responsibility for seeing that a certificate is properly made out and filed with the local board of health rests primarily with the undertaker, who is required by law to present a satisfactory certificate of death before he may obtain a permit to remove the body from the city or town in which the death occurred, or to bury the body. The local board of health is required to transmit the death certificate to the city or town clerk, who in turn records the death and transmits a certified copy to the Secretary of the Commonwealth on or before the tenth day of the month following that in which the death occurred. Although the law provides that the standard certificate of death shall be used, hospitals and other institutions are only required to obtain, when a person is received, the facts which would be required for record in the event of the death of such person. Thus several important items required by the standard certificate of death are not obtained in some cases. This is a serious defect in the death registration law, and ought to be remedied by requiring hospitals and institutions to obtain, when the person is received, all the facts required on the standard certificate of death.

*Death Rates and their Comparability.* — The death rates given in this report are based upon the comparison of total deaths with the aggregate population. They are usually expressed in terms of the number of deaths per 1,000 population, and are calculated by dividing the total number of deaths by the population in thousands. This means that death rates vary with the character of the population and each element has its relation to the rate of mortality, and, therefore, for comparison with other States or countries, the make-up of the population must be considered. The death rate per 1,000 males is



generally higher than the rate per 1,000 females. Hence, a State having a relatively larger female population than another will normally show a lower death rate, and a community where the very young or old predominate will show a higher rate than a community made up largely of young adults. Rates will also vary with the color and nationality of the inhabitants, as death rates are unfavorably affected by a large foreign-born population, living in crowded tenements and under unsanitary conditions.

Factors which seriously affect the comparability of the death rates of different communities are: (1) race composition; (2) the social, marital, and economic status of the people; (3) employment; (4) the location of hospitals and institutions; (5) migration; and (6) the birth rate.

The rates given in this report, as well as those in all the preceding registration reports, are based on the inclusion of all deaths, both resident and nonresident, occurring in each city or town. Deaths in the asylums for the insane and in other State institutions are enumerated with those of the town where they are located, and while for certain localities non-resident deaths are given (see footnote, page 108), no plan has yet been devised for charging nonresidents back to the towns from which they come. The growing popularity of our city hospitals also affects local statistics. Many victims of typhoid fever, or similar diseases, who contract the disease in the country, are carried to the city hospitals and some die there. This requires their deaths to be recorded in the city where they die. Obviously this is an injustice which is especially apparent in some instances.

In addition to the erroneous and unwarranted conclusions sometimes arrived at by attempting to compare data which are not comparable, such as death rates of different communities of varying sex and age composition, another possible source of error in mortality statistics is the original data, which are sometimes given by persons not fully cognizant of the true facts.

*Number of Deaths and Death Rates.* — There was a decrease in the mortality of 1919 over that of 1918, the number of deaths occurring during the calendar year 1919 being 52,345, a decrease over 1918 of 26,497. Based on the estimated midyear population of 3,835,614, these deaths correspond to a rate of 13.6 per 1,000 population, as compared with 20.2 in 1918. This rate for 1919 is the lowest ever recorded in Massachusetts.

During the last three 10-year periods the death rate of the Commonwealth has fallen from 19.2 in 1889, 17.4 in 1899, 15.5 in 1909 to 13.6 in 1919. This remarkable decrease in mortality has been the rule rather than the exception in the experiences of the other States. Since 1851 the average death rate for Massachusetts has been 18.5 per 1,000 living. During the period 1871 to 1875 this rate stood at 20.9, and, as recently as the period 1896 to 1900, at 18.1, since which time the decline has been fairly rapid.

Table 37, on page 124, shows the number of deaths and the death rates per 1,000 population for the census years and per 1,000 estimated population for the intercensal years, from 1851 to 1919.

*Sex.* — Of the 52,345 deaths in 1919, 26,407, or 50.4 per cent, were males, as compared with 52.9 per cent in 1918. In 8 cases the sex of the decedent was unknown or not reported. The proportion of males in the living population, as shown by the State Census of 1915, was 49.1 per cent. Expressed as a ratio there were 1,018 deaths of males per 1,000 deaths of females in 1919, as compared with 1,121 in 1918, 1,097 in 1917, 1,101 in 1916, 1,060 in 1915, and 1,085 in 1914.

Table 38, on page 125, shows that the death rate for males has been consistently greater than the death rate for females. In 1919 the rate for males exceeded that for females by only .7 per 1,000, the lowest ever recorded in Massachusetts. The death rate of the sexes has fluctuated considerably, reaching the maximum in 1918, when the difference was 3 per 1,000.

*Age.* — Of the 52,345 deaths in 1919, 7,769, or 14.8 per cent, were of infants under 1 year of age, as compared with 13.7 per cent in 1918, and an average of 17.7 per cent for the five years from 1913 to 1917, and 20.9 for the five years from 1908 to 1912. A more detailed discussion of infant mortality may be found on pages 93 to 97.

The ages at which the people have been most benefited by reductions in death rates are illustrated in Table 39, on page 126, which shows the number of deaths and the death rates per 1,000 population for the census years 1875 to 1915. While the death rates for the lower ages have decreased in recent years, the death rates of persons 50 years and upwards have increased. In the forty years covered by this table the death rate of infants under 1 year of age declined from 226.6 to 126.1 per 1,000 population under 1 year of

age; the death rate of children under 5 years of age declined from 74 to 35.5 per 1,000; and so on for all age periods up to 50 years. Above the age of 50 years the death rate in 1910 was very much higher than in 1875. The decrease in the death rate for all ages and in the rates due to diseases most frequent in the early years of life, on the one hand, and the increase in rates for the advanced ages on the other, indicate increased longevity.

*Sex and Age.* — The death rate of adult males we should naturally expect would be greater than the rate for adult females, on account of the more dangerous occupations of the males, but the excess in the death rate of male infants as compared with female infants has never been satisfactorily explained. Of the 7,769 decedents under 1 year of age in 1919, 4,395, or 56.6 per cent, were males. The ratio of male to female deaths among the higher age periods fluctuated somewhat. The proportion of male deaths was the larger from 1 year of age up to and including the age period 70 to 74 years, with the exception of the twenty to twenty-four and twenty-five to twenty-nine year age periods, in which the number of female deaths was larger than the number of male deaths. From the age of 75 years and upwards the number of deaths of females exceeded the deaths of males. In the total population in 1915 the number of males was in excess of the number of females up to the age of 14 years. From that period on the excess of females was marked, particularly so beginning with the age period 50 to 54 years, when the excess increased greatly with the increase of age. The ratios of male deaths per 1,000 deaths of females at the various age periods in the four years 1916 to 1919 are shown in Table 41, on page 127.

The excess of females in the population 65 years of age and over is so great that, even though their mortality at each age period is below that of males, the absolute number of deaths is greater. Among the 26,407 male decedents in 1919, 4,395, or 16.6 per cent, were under 1 year of age; among the 25,930 female decedents, 3,373, or 13 per cent, were under 1 year; and among the decedents of both sexes 14.8 per cent were under 1 year. (See Table 42, on page 128.)

*Marital Condition.* — Not quite one-half (48.2 per cent) of the decedents 15 years of age and over whose marital condition was reported in 1919 were married, 21.4 per cent were single, 29 per cent were widowed, .9 per cent were divorced, and .5 per cent were unknown. Among the male decedents 54.9 per cent were married, 23.5

per cent were single, 19.7 per cent were widowed, 1.1 per cent were divorced, and .8 per cent were unknown. Among the female decedents 41.8 per cent were married, 19.5 per cent were single, 37.9 per cent were widowed, and .8 per cent were divorced. No precise study of the bearing of marital condition on mortality statistics can be made, however, without a detailed statement of the age distribution of the population. The age groups used in the census statistics do not coincide with the age groups used in the tabulation of death statistics, so that the two sets of figures cannot be used together. Table 45, on page 131, shows the number of deaths of males and females 15 years of age and over, by marital condition.

*Centenarians.* — Among the deaths registered during 1919 there were 21 of reputed centenarians, 16 of whom were females; 11 were native and 10 were foreign born; 15 were widowed, 3 were married, and 3 were single. Table 44, on page 130, presents data concerning the deaths of centenarians by sex, nativity, marital condition, and maximum age at death for the thirty-nine years 1881 to 1919.

*Nativity.* — Over two-thirds (67.5 per cent) of the decedents whose nativity was reported on the death certificates in 1919 were native. There were 26.2 decedents whose nativity was not reported. The close correspondence between the nativity of decedents (67.6 per cent native in 1915) and the nativity of the total population is shown by the census of 1915, 68.8 per cent of the population of the Commonwealth at that time being native.

*Seasonal Distribution of Deaths.* — The largest number of deaths during any month occurred in January (7,154), and the next largest number in March (5,226). Since the months are not of equal length, the monthly incidence must be reduced to a uniform basis. The average daily number of deaths for 1919 was 143. The months showing a higher average than that for the year were: January (231), February (186), March (169), and April (156). Table 46, on page 132, shows the number of deaths in each month of 1919 in the State, in counties, and in cities having over 50,000 inhabitants in 1915.

### B. Infant Mortality.

The magnitude of the death rate of infants under 1 year of age is one of the most important subjects to be considered in any discussion of deaths, and entitles the problem of infant mortality to a



place among the most serious social problems of the present day. The enormous waste of human life that is going on is shown by the fact that one baby out of every ten born alive dies before reaching its first birthday.

The infant mortality for the State in 1919 was 88.5 per 1,000 live births. This is the lowest infant mortality rate ever recorded in this Commonwealth. But a still better statistical proof of the reduction in infant mortality is shown by the fact that while there has been a steady increase in the number of live births, interrupted only by slight decreases in the years 1894, 1898, 1899, 1901, 1902, 1909, and 1919, the actual number of infant deaths under 1 year of age was lower in 1919 than in any year since 1885, when the number of live births was only 48,790, — a truly remarkable record. Reference to Table 47, on page 133, shows in striking manner this remarkable reduction in infant mortality, actual decrements without regard for increase in the number of births and without regard for increase in population.

The greatest infant mortality occurred in 1896 (11,765 deaths); the next greatest actual number of infant deaths occurred twelve years later, 1908 (11,606). Since 1908 there has been, with the exception of 1910, when there were 11,499 infant deaths, and 1918 (10,820), a steady decrease in the number of deaths of infants under 1 year of age, the figures being as follows: —

YEARS.	Number of deaths under one year of age.	Infant mortality rates.
1908, . . . . .	11,606	133.5
1909, . . . . .	10,693	127.2
1910, . . . . .	11,499	132.9
1911, . . . . .	10,543	119.4
1912, . . . . .	10,472	116.5
1913, . . . . .	10,086	110.1
1914, . . . . .	9,894	105.9
1915, . . . . .	9,490	101.9
1916, . . . . .	9,334	99.8
1917, . . . . .	9,325	97.4
1918, . . . . .	10,820	113.2
1919, . . . . .	7,769	88.5

This salvage of the lives of babies in recent years has been due, not so much to the gradual improvement in birth registration, but to an actual reduction in the number of deaths under 1 year of age. In the ten years from 1910 to 1919 there has been an *increase of 1.5 per cent in the number of live births registered, and a decrease in the actual number of deaths under 1 year of 32.4 per cent.*

A higher proportion of the salvage of infant life in Massachusetts has taken place in Boston, where the infant welfare agencies have been untiring in their baby-saving campaigns. In 1919 deaths under 1 year of age numbered 1,814, or 96.5 per 1,000 live births, as compared with 114.7 in 1918, and is the lowest since 1909. In the ten years from 1910 to 1919 there has been an increase of 6.4 per cent in the number of live births registered, and a decrease in the actual number of deaths under 1 year of 19.4 per cent. For the remainder of the State the number of births registered increased .2 per cent during this period, while the number of deaths under 1 year decreased 35.6 per cent. The infant mortality rates for the State, exclusive of Boston, decreased from 134.3 in 1910 to 86.3 in 1919, as compared with a decrease in Boston from 127.4 in 1910 to 96.5 in 1919. (See Table 50 on page 136.)

The infant mortality rates in municipalities having 15,000 or more inhabitants for the years 1912 to 1919 are shown in Table 48, on page 134.

It should be borne in mind that the infant mortality rates of cities in which children's hospitals and maternity hospitals are located are often very misleading. In 1919 the infant mortality rate in Holyoke was 119.4 deaths per 1,000 live births. There were 1,583 babies born in that city, and 189 babies died there before reaching their first birthday. Of these 189 babies, 26 died in the Brightside Institution, and 13 of these latter, or 50 per cent, were probably of illegitimate birth.<sup>1</sup> Fourteen and three-tenths per cent of the 189 babies who died in Holyoke were brought from cities outside Holyoke and died in the Brightside Institution. The infant mortality rate for the city of Holyoke, outside Brightside Institution, was 103.

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<sup>1</sup> Although the illegitimacy of these births had not been legally determined, as the information relating to the father was not given on the birth certificate, the presumption is that the children were probably illegitimate.

PLACE OF RESIDENCE.	DEATHS UNDER 1 YEAR OF AGE IN HOLYOKE: 1919.						
	Total.	DEATHS IN BRIGHTSIDE INSTITUTION.			DEATHS OUTSIDE BRIGHTSIDE INSTITUTION.		
		Total.	Legitimate. <sup>1</sup>	Illegitimate. <sup>1</sup>	Total.	Legitimate. <sup>1</sup>	Illegitimate. <sup>1</sup>
<b>Total.</b>	<b>189</b>	<b>26</b>	<b>13</b>	<b>13</b>	<b>163</b>	<b>157</b>	<b>6</b>
Holyoke, . . . . .	162	4	1	3	158	152	6
Born in Holyoke, . . . . .	156	3	1	2	152	146	6
Born in other places, . . . . .	6	1	—	1	6	6	—
Chicopee, . . . . .	4	2	2	—	2	2	—
Springfield, . . . . .	5	5	3	2	—	—	—
Fitchburg, . . . . .	3	3	1	2	—	—	—
Southbridge, . . . . .	3	3	2	1	—	—	—
South Hadley, . . . . .	2	—	—	—	2	2	—
Other towns (10), . . . . .	10	9	4	5	1	1	—

A careful analysis of the returns of other cities and towns in which children's hospitals are located would probably show lower infant mortality rates than appear in Table 48.

The highest proportion of deaths occurs in the early period of infancy, and especially is this true of the first few days. In 1919, 2,564 deaths occurred in the first week, constituting 33 per cent of all deaths under 1 year of age. On the first day the percentage of deaths (16.1) was higher than on any other day. In the first month of life there were 3,635 deaths, or 46.8 per cent of all infant deaths. In the first three months there were 4,810 deaths, or 55.6 per cent of all infant deaths. Over three-fourths (78.1 per cent) of the infant deaths occurred in the first half of the year.

Babies are weakest at birth and during early infancy, and the hazard of life is greatest during the first weeks and months after birth. A large number of the deaths in early infancy are due to the fact that many babies are born with some handicap, and that in many instances the mother has been subjected to some condition which resulted in the birth of a child incapable of withstanding the ordinary strain of life. Proper prenatal care of mothers is of the utmost importance as a means of reducing the number of early deaths. Efforts toward this end have been made in several municipalities, notably in Boston, by hospitals, visiting nurses, health officers and others, who have attempted to make adequate medical advice and obstetrical care available to mothers during pregnancy.

Over three-fourths (79.7 per cent) of the 2,564 babies who died less than one week after birth died of prematurity, congenital debil-

<sup>1</sup> See note 1 on page 95.



ity, malformations, or injuries received at birth. Of the 3,104 babies who died from these causes before reaching the age of 1 year, 34.1 per cent died in less than one day, 65.9 per cent died in less than one week, and 83.8 per cent died in less than one month. The second most important cause of infant deaths — gastric and intestinal diseases — claimed 1,431, or 18.4 per cent of the babies who died before reaching 1 year of age. Twelve and three-tenths per cent of the babies who died from this cause died in less than one month after birth, 13.5 per cent within one but less than two months after birth, and 12.4 per cent within two but less than three months after birth.

Diarrhea and enteritis\* are the most important preventable causes of infant mortality, especially prevalent during the summer season, and due in a large part to methods of feeding, hot weather and the living and social conditions of the parents. With hygienic care, including cool baths, much fresh air, and careful feeding, many infants are able to pass through extremely hot weather without serious diarrheal disturbances. The mortality of infants from diarrhea and enteritis\* has decreased from 33 per 1,000 live births in 1911 to 15 in 1919. Deaths under 2 years<sup>1</sup> of age from diarrhea and enteritis\* for each month of the nine years 1911 to 1919 are shown in Table 53, on page 138, which illustrates in striking manner the great reductions that have been made in the number of deaths from this cause, probably due to infant welfare work carried on in many cities, particularly during the hotter months.

The largest number of deaths of infants is due to developmental and wasting diseases,\* and the figures indicate a reduction in infant mortality due to these causes, — from 41.2 deaths per 1,000 live births in 1911 to 31.1 in 1919. Respiratory diseases also caused a considerable number of deaths. The number of deaths from bronchopneumonia\* shows an increase from 1911 to 1914, and a steady decrease since then except in 1918. In 1911 there were 732 infant deaths from this cause; in 1912, 859; in 1913, 1,082; in 1914, 1,455; in 1915, 1,068; in 1916, 999; in 1917, 809; in 1918, 1,221, and in 1919, 917. The principal causes of infant deaths for the years 1911 to 1919 are shown in Table 52, on page 137.

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\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

<sup>1</sup> Deaths from diarrhea and enteritis by months were not tabulated for children under 1 year of age.

*C. Cause of Death.*

*Sources of Error in Mortality Statistics.* — The chief element of error in mortality statistics lies in the inaccuracy of the statement of the cause of death as reported by the attending physician, who may not have been in a position to feel reasonably certain as to the nature of the terminal illness, or who may, at the request of the family of the decedent, deliberately withhold a statement of the true cause of death, as when the condition is either tuberculosis, cancer, syphilis, or some other reportable disease. Statements of cause of death are often incomplete as a result of the unintentional failure of the physician to state all the morbid conditions known to him which resulted in the death.<sup>1</sup> It is also probable that there are many unavoidable errors of mistaken diagnosis.<sup>2</sup>

It should also be borne in mind that the process of classifying the thousands of different terms — some of them of a very indefinite or unsatisfactory character — under the 189 titles of the International List of Causes of Death presents many difficulties which are seldom fully appreciated by those who have not engaged in the work of classification. Even if each certificate of death out of the 52,345 received during 1919 at the Division of Vital Statistics of the Office of the Secretary of the Commonwealth bore only a single cause, the process would present many difficulties. Many certificates, however, bear statements of two or more causes instead of one, and a system of selection, according to the precedents and rules of the International Committee, has been adopted by the United States Bureau of the Census,<sup>3</sup> and is used in the Office of the Secretary of the Commonwealth. Because of the complications attendant upon any attempt to show all primary and secondary terms in relation, it be-

<sup>1</sup> For example, the statement of "acute nephritis" is often returned as a cause of death, with no mention of the "scarlet fever" which terminated in the "acute nephritis." "Meningitis" is sometimes reported as a cause, when there has been a primary condition, such as "whooping cough" or some form of traumatism, antecedent to the final condition.

<sup>2</sup> Dr. Richard C. Cabot, in an article on "Diagnostic Pitfalls identified during a Study of 3,000 Autopsies", published in the *Journal of the American Medical Association*, December 28, 1912, page 2295, and Dr. Horst Oertel, in an article on "The Inaccuracy of American Mortality Statistics", published in the *American Underwriter* May, 1913, have pointed out that in the best hospitals bedside diagnoses of even the commoner maladies often prove to be erroneous on autopsy. In Dr. Cabot's study of 3,000 autopsies it was found that while the results were confirmatory of the original diagnoses to a high degree in certain classes of causes such as diabetes mellitus (95 per cent), typhoid fever (92 per cent), aortic regurgitation (84 per cent), in others the percentages of correct diagnoses were very low; acute nephritis (16 per cent), chronic myocarditis (22 per cent), broncho-pneumonia (33 per cent), acute endocarditis (39 per cent), chronic interstitial nephritis (50 per cent), miliary tuberculosis (52 per cent), and active phthisis (59 per cent).

<sup>3</sup> Index to Joint Causes of Death, 1914.

comes necessary to base all statistical compilations of causes of death on the selection of a preferred term. As a result it is evident that there may be a margin of error, because in a considerable number of certificates only one of the contributory causes may be shown. Each definite cause of death as compiled, therefore, represents a minimum number, which would be increased if deaths from such causes that were not properly reported, and hence were classified under various ill-defined titles, could be included.

*Principal Causes of Death.*<sup>1</sup> — Nearly one-third (31.7) of the 52,345 deaths reported in 1919 were caused by organic heart disease\* (including pericarditis), pneumonia (including broncho-pneumonia), and tuberculosis in all forms. These diseases, together with apoplexy,\* cancer, Bright's disease,\* and nephritis, external causes, influenza, malformations\* and the diseases of early infancy, caused 73.3 per cent of the deaths for the year.

*Pneumonia* (including broncho-pneumonia) caused 5,280 deaths in 1919, or 137.7 per 100,000 population. It was responsible for 14,626 deaths, or 374.3 per 100,000 population, in 1918, as compared with 163.8 in 1917, 173.9 in 1916, 174.6 in 1915, and 164.3 in 1914.

*Influenza* caused 2,872 deaths in 1919, or 74.9 per 100,000 population as compared with 352.7 in 1918.

The deaths from *heart diseases*\* (organic diseases of the heart\* and endocarditis\*) in 1919 numbered 6,445, or 12.3 per cent of all deaths, or 168 per 100,000 population. In 1918 deaths from this cause increased 10.5 per cent over 1917, while the death rate per 100,000 population increased to 205.4 for 1917, or 8.5 per cent over the rate of 189.4 in 1916, and 53.6 per cent over the average rate (133.7) for the five years from 1911 to 1915.

*Tuberculosis* in its various forms claimed 4,920 victims in 1919, of whom 4,145 died from tuberculosis of the lungs.\* Deaths due to the latter cause constituted 7.9 per cent of all deaths during the year, as compared with 8.1 per cent for the five years 1912 to 1916. In the six years from 1910 to 1915 the death rate from tuberculosis of the lungs\* fell from 133.2 to 116 per 100,000 population, a drop of 17.2 per cent, the decline being continuous from year to year. In 1917, however, there was an increase in the death rate to 121.1, and 130 in 1918, but in 1919 there was a decline to 108.1.

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<sup>1</sup> In this report an asterisk (\*) has been used in the text and tables to denote those certified causes of death which the committee, after careful consideration, reported were acceptable statements of causes of death without autopsy.

*Apoplexy*\* was the cause of 4,258 deaths, or 111 per 100,000 population. The death rate from this disease has fluctuated somewhat from 98.1 in 1911, 101.1 in 1912, 97.8 in 1913, 72.9 in 1914, 94.3 in 1915, 93 in 1916, 103.9 in 1917, and 105.7 in 1918.

Next in order of deadliness come *cancer and other malignant tumors*, which caused 4,112 deaths in 1919, corresponding to a death rate of 107.2, as compared with 104.9 in 1918. Of the deaths from cancer, 35.3 per cent resulted from cancers of the stomach and liver. The death rate from cancer has risen from 89.9 in 1910 to 107.2 in 1919. The increase has been continuous. It is possible that at least a part of this increase is due to more correct diagnosis and greater care on the part of physicians in making reports.

*Bright's disease*\* and *nephritis* were the causes of 3,672 deaths in 1919, corresponding to a rate of 95.7 per 100,000 population, as compared with 101 in 1918, and an average rate of 92.8 for the five years from 1913 to 1917. There were 3,368 deaths caused by Bright's disease\* and 304 by acute nephritis.

*Congenital debility\* and malformations\** caused 2,775 deaths in 1919, corresponding to a rate of 72.3 per 100,000 population. The death rates from these causes have shown a steady decline from 109.2 in 1910 (with the exception of 1912, 114.2).

*Diarrhea and enteritis*\* caused 1,863 deaths in 1919, or 48.6 per 100,000 population. With the exception of 1918 this rate has shown a marked decline. Eighty and one-tenth per cent of the total number of deaths charged to these causes in 1919 were of infants under 2 years of age.\* The rates for this cause have declined steadily from 110.9 in 1910 to 95 in 1911, 90.5 in 1912, 82.7 in 1913, 78 in 1914, 68.7 in 1915, 63.3 in 1916, — a drop of 42.9 per cent in seven years, but increased to 65.1 in 1917, and 82 in 1918. The decline is due largely to the successful campaigns waged against infant mortality.

The fatal cases of *diphtheria and croup*\* — which are classed together in the statistics, but practically all of which are of diphtheria — numbered 593, or 15.5 per 100,000 population in 1919, as compared with 15.6 in 1918, 21.8 in 1917, 16.7 in 1916, 19.5 in 1915, 17.9 in 1914, 17.6 in 1913, 13.5 in 1912, 16.4 in 1911, and 20.1 in 1910.

The mortality from *typhoid fever*\* has shown a steady decline since 1910, having dropped from 12.2 in that year to 2.8 in 1919.



This decline is greater, relatively, than that shown for any other important cause of death. The total number of deaths due to typhoid fever in 1919 was 107, as compared with 160 in 1918, 178 in 1917, 172 in 1916, 246 in 1915, 268 in 1914, 280 in 1913, 269 in 1912, 302 in 1911, and 411 in 1910. This showing is a striking example of the efficacy of preventive measures and improved methods of sanitation.

The principal epidemic maladies of childhood — *whooping cough*,\* *measles*,\* and *scarlet fever*\* — were together responsible for 628 deaths of both adults and children, or 16.4 per 100,000 population in 1919, the rates for the three diseases separately being 8.4, 4.8, and 3.2, respectively. The mortality rates for all three of these diseases have changed greatly from year to year.

Death rates from *violence* during the past ten years per 100,000 population were 83.6 in 1910, 99.2 in 1911, 88.2 in 1912, 90.1 in 1913, 84.3 in 1914, 86.8 in 1915, 90.1 in 1916, 93.3 in 1917, 88.1 in 1918, and 84.5 in 1919.

Deaths due to *railroad accidents and injuries*\* totaled 171 in 1919, or 4.5 per 100,000 population. The rates for previous years were 6.1 in 1918, 6.7 in 1917, 7.5 in 1916, 7.1 in 1915, 6.9 in 1914, 9.5 in 1913, and 10.1 in 1912.

Deaths resulting from *street car accidents and injuries*\* numbered 73, or 1.9 per 100,000 population.

*Automobile accidents and injuries*\* caused 532 deaths in 1919, or 13.9 per 100,000 population. There has been an increase in this rate from year to year, — 4.6 in 1913, 5.3 in 1914, 7.2 in 1915, 8.3 in 1916, 10.8 in 1917, and 12.7 in 1918. No accurate data are available for measuring the death rate per number of automobiles in use, as the statistics compiled by the Department of Public Works show the number of machines registered, and thus contain duplications, since one machine may be registered more than once in a calendar year. It is probable, however, that the increase has not been so rapid as that of the number of machines in use.

Deaths caused by *machinery accidents*\* in 1919 numbered 52, or 1.4 per 100,000 population. The corresponding figures for previous years were 2.3 in 1912, 2.3 in 1913, 1.9 in 1914, 1.9 in 1915, 2.1 in 1916, 2.4 in 1917, and 2.7 in 1918.

The number of *suicides*\* reported for 1919 were 445, or 11.6 per 100,000 population. The rates since 1910 have been: 1910, 13;

1911, 13; 1912, 1913, 1914, 13.6 each; 1915, 13.9; 1916, 12.1; 1917, 12.8 and 1918, 12.6.

Deaths caused by *firearms* numbered 217 in 1919, corresponding to a rate of 5.7 per 100,000 population. Of these deaths, 127 were suicides,\* 54 were homicides, and 36 were accidental (including those concerning which the status as to suicide, homicide, or accident was in doubt).

Deaths from *homicide*\* numbered 102 in 1919, or 2.7 per 100,000 population. The rates for homicides in recent years are 2.2 in 1910, 2.5 in 1911, 2.6 in 1912, 3.1 in 1913, 2.9 in 1914, 3.1 in 1915, 3 in 1916, 2.8 in 1917, and 2.4 in 1918.

The causes of death of males and females for each month and at seventeen age periods for the Commonwealth for the full International List of Causes of Death with certain subdivisions are shown in Table 55, on pages 152 to 181. In Table 56, on pages 182 to 206, the deaths are shown for 48 causes and groups of causes for each municipality. For the Commonwealth as a whole the deaths and death rates for the six years 1914 to 1919 are shown for the 38 causes and groups of causes in the Abridged International List in Table 58, on pages 208 and 209. The relation of this list to the Detailed International List is shown in the Appendix on pages 239 to 244. In addition to the above presentations, certain other tables showing the causes of deaths are presented on pages 210 to 212.

#### D. *Maternal Mortality.*

Each death at childbirth is a serious loss to the country. The women who die from this cause are lost at the time of their greatest usefulness to the State and to their families, and they give their lives in carrying out a function which must be regarded as the most important in the world.<sup>1</sup>

In 1919 there were 622 women between the ages of 15 and 49 who died from conditions caused by childbirth;\* 163 of these died from childbed fever,\* and the remaining 459 from diseases\* now known to be to a great extent preventable or curable by modern scientific care.

It is almost inconceivable, in the light of modern knowledge, that diseases caused by pregnancy and confinement are responsible for

<sup>1</sup> Meigs, Grace L., M.D., *Maternal Mortality from All Conditions connected with Childbirth*, United States Children's Bureau, Publication No. 19, 1916, page 9.

so many deaths among women 15 to 49 years of age. While there has been a marked decrease in the death rates from all other preventable diseases in recent years, there has been no appreciable decrease in the death rates from diseases due to pregnancy and from conditions accompanying labor. In fact, not only has the death rate from diseases caused by pregnancy and childbirth been increasing (from 9.6 per 100,000 population in 1901 to 16.2 in 1919), but the proportion of deaths from these causes to the total number of deaths has increased from .6 per cent in 1901 to 1.2 per cent in 1919.

These figures cannot be properly appreciated unless we present them in a comparative manner with the death rates from other preventable diseases. For instance, in 1901 the death rate from diseases due to pregnancy and confinement was 9.6 per 100,000 population, and the death rate from puerperal septicemia or childbed fever was 2. In the same year the death rate from typhoid fever was 19.7 per 100,000, and the death rate from diphtheria and croup 41. In 1919 the death rate from diseases due to pregnancy and confinement had increased to 16.2, while the death rate from typhoid fever *decreased* to 2.8, and the death rate from diphtheria and croup *decreased* to 15.5. In the light of modern knowledge of the principles of antiseptic surgery and its application to obstetrical practice, it is little short of criminal that such a high death rate from diseases due to pregnancy and childbirth should continue.

In 1919 there were among women 15 to 49 years of age 888 deaths from influenza; 499 deaths from pneumonia; 1,621 deaths from tuberculosis (all forms); 622 deaths from the diseases of pregnancy and confinement;\* 468 deaths from organic diseases of the heart;\* 569 deaths from cancer and other malignant tumors; 408 from acute nephritis and Bright's disease;\* 193 from violent deaths (suicide excepted); 207 from cerebral hemorrhage;\* 138 from noncancerous tumors and other diseases of the female genital organs. Other diseases show far fewer deaths.

The death rate per 10,000 births (living and dead) gives a far clearer picture of the actual risk of childbirth than do any of the aforementioned rates. The death rate, calculated on this basis, for all diseases caused by pregnancy and confinement, increased from 37 in 1901 to 68.4 in 1919. The death rate per 10,000 live births increased from 38 in 1901 to 70.8 in 1919.



The most accurate method of all for calculating the death rates from diseases caused by pregnancy and confinement is the number of deaths per 10,000 confinements, including stillbirths and making the proper deductions for plural births, or, in other words, the number of deaths per 10,000 women at risk. The death rates calculated on this basis show, with slight fluctuations, a general increase from 37 in 1901 to 69.3 in 1919. The increase in the annual average death rates, calculated on three-year and five-year average, is shown in the following tabular statement: —

YEARS.	Annual average death rate from diseases of pregnancy and confinement per 10,000 confinements calculated on a three-year average.	YEARS.	Annual average death rate from diseases of pregnancy and confinement per 10,000 confinements calculated on a five-year average.
1901-03, . . . .	38	1901-05, . . . .	40
1904-06, . . . .	42	1906-10, . . . .	44
1907-09, . . . .	45	1911-15, . . . .	51
1910-12, . . . .	49	1916-19, . . . .	67
1913-15, . . . .	51		
1916-18, . . . .	67		
1919, . . . .	69		

### *E. Deaths investigated by Medical Examiners.*

*Source of Data.* — The statistics of deaths investigated by medical examiners published in this report are based upon annual returns made by medical examiners and associate medical examiners to the Secretary of the Commonwealth of abstracts of the records of deaths supposably due to injury, the cause and manner of which have been investigated during the year.<sup>1</sup> Deaths supposedly due to injury include not only deaths caused directly or indirectly by traumatism (including resulting septicemia), and by the action of chemical (drugs or poisons), thermal, or electrical agents, and deaths following abortion, but also deaths from disease resulting from injury or infection related to occupation, the sudden deaths of persons not disabled by recognized disease, and those of persons found dead.

<sup>1</sup> The law providing for annual returns of medical examiners, passed in 1885, is contained in General Laws, chapter 38, sections 20 and 22.

Medical examiners are often called upon to view cases in which the death was not due to violence (heart disease, apoplexy, etc.), but where the death was simply sudden, or where no physician had been in recent attendance. Medical examiners are also required to certify that they have viewed bodies to be cremated, and to make personal inquiry into the cause and manner of death.

Discrepancies will be found in comparing deaths based upon the returns to city and town clerks and those based upon the returns of medical examiners. The causes of death shown in the returns of the medical examiners are the more accurate, because the question of homicide, suicide, or accident is often not determined until after the certificate of death has been filed with the local official authorized to issue burial permits.

*Number of Deaths investigated.* — The number of deaths investigated by the medical examiners in 1919 was 6,183, or 11.8 per cent of the total number of deaths which occurred during the year, as compared with 7,227 deaths in 1918, or 9.2 per cent of the total number of deaths.<sup>1</sup> Nearly two-thirds (64.4 per cent) of these deaths were of males. Of the deaths investigated by medical examiners, 2,854, or 46 per cent, were reported as due to violence, while among the deaths returned to the registrars 3,106 were reported as due to violence.

The largest number of cases investigated by medical examiners in 1919 was in Suffolk County, — 1,867, as compared with 2,153 in 1918. Of the deaths investigated in Suffolk County, 866, or 46.4 per cent, were reported as due to violence. (See Table 64, pages 214 and 215.)

*Autopsies.* — Autopsies were made in 486, or 7.8 per cent of the cases investigated by the medical examiners in 1919, as compared with 7.7 per cent in 1918 and 8.6 in 1917.

The highest proportion of autopsies was in Suffolk County, where 16.8 per cent of the views were autopsied, as compared with 17.6 per cent in 1918. Table 66, on pages 222 and 223, shows the number of views and the number of autopsies in each county in each year from 1910 to 1919, and the number and per cent of views autopsied for the ten-year period 1910 to 1919.

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<sup>1</sup> There were 3,092 stillbirths registered as births in 1919, 3,779 in 1918, 3,324 in 1917, and 3,300 in 1916. The number of stillbirths viewed by medical examiners was 108 in 1919, 118 in 1918, 123 in 1917, and 104 in 1916.

*Cause of Death.* — Nearly one-half (47.3 per cent) of the deaths viewed by medical examiners in 1919 were due to natural causes, 52.1 per cent of the deaths were from causes not due to violence, 46 per cent were due to violence, and 3 per cent were from unknown or ill-defined causes.

Deaths from causes not due to violence numbered 3,221, of which 2,929 were from natural causes and 106 were due to alcoholism.

Deaths due to violence numbered 2,854, of which 2,301 were due to accident or negligence, 449 were suicides, and 104 were homicides.

Of the 2,301 deaths due to accident or negligence, 481 were due to falls and blows, 503 were due to automobile accidents, 268 resulted from drowning, and 171 were due to railroad accidents.

The increase in the number of deaths due to automobile accidents in 1919 over previous years is shown in the following table: —

YEARS.	Deaths from automobile accidents.	YEARS.	Deaths from automobile accidents.
1910, . . . . .	66	1915, . . . . .	260
1911, . . . . .	97	1916, . . . . .	298
1912, . . . . .	129	1917, . . . . .	380
1913, . . . . .	152	1918, . . . . .	475
1914, . . . . .	166	1919, . . . . .	503

Suicides numbered 449, or 15.7 per cent of the deaths due to violence. Suicides committed with firearms (121) and by the use of illuminating and other gases (128) constituted over one-half (55.5 per cent) of the total number. Other methods were: by poisons (39), by hanging or strangulation (58), and by drowning (52). Nearly two-thirds (65.5 per cent) of the suicides were males.

Of the 449 persons committing suicide, 94 were 40 to 49 years of age, 83 were 50 to 59 years of age, 85 were 30 to 39 years of age, 66 were 20 to 29 years of age, 95 were over 60 years of age, 17 were under 20 years of age. Among the male suicides the largest numbers were from 40 to 49 years of age (63) and from 50 to 59 years (57), while among the female suicides the largest numbers were from 40 to 49 years of age (31) and from 30 to 39 years (30). Among the

males the most common method of committing suicide was by the use of firearms (110, or 37.4 per cent), while among the females the most common method was by illuminating or other gases (66, or 42.6 per cent).

Homicides numbered 104, of which 47 were by firearms, 24 were by falls or blows, 14 were cases of infanticide. Of the 104 homicides, 80, or 76.8 per cent, were of males.

## STATISTICAL TABLES.

## A. GENERAL MORTALITY.

Table 34  COUNTIES AND MUNICIPALITIES. <sup>1</sup>	DEATHS, <sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.								
	Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
		Male.	Female.	Unknown.	Native.	Foreign.	Unknown.	Including non-residents.	Excluding non-residents.
<b>The State.</b>	<b>52,345</b>	<b>26,407</b>	<b>25,930</b>	<b>8</b>	<b>35,314</b>	<b>16,769</b>	<b>262</b>	<b>13.6</b>	<b>-</b>
<b>COUNTIES.</b>									
Barnstable, . . . .	449	216	233	-	377	69	3	16.7	-
Berkshire, . . . .	1,465	743	722	-	1,087	371	7	12.9	-
Bristol, . . . . .	5,106	2,590	2,516	-	3,364	1,718	24	14.3	-
Dukes, . . . . .	76	40	35	1	64	9	3	17.2	-
Essex, . . . . .	6,429	3,161	3,265	3	4,407	1,996	26	13.4	-
Franklin, . . . . .	601	308	293	-	475	123	3	12.2	-
Hampden, . . . . .	3,902	2,002	1,898	2	2,697	1,190	15	13.2	-
Hampshire, . . . .	950	472	478	-	672	278	-	13.7	-
Middlesex, . . . .	10,005	4,873	5,131	1	6,693	3,274	38	12.9	-
Nantucket, . . . .	58	34	24	-	53	5	-	20.5	-
Norfolk, . . . . .	2,389	1,134	1,255	-	1,672	704	13	11.0	-
Plymouth, . . . . .	2,052	1,081	970	1	1,518	528	6	13.1	-
Suffolk, . . . . .	12,715	6,585	6,130	-	8,038	4,553	94	15.2	-
Worcester, . . . . .	6,148	3,168	2,980	-	4,197	1,921	30	13.6	-
<b>MUNICIPALITIES.<sup>1</sup></b>									
Abington, . . . . .	61	30	31	-	50	11	-	-	-
Acton, . . . . .	25	13	12	-	21	4	-	-	-
Acushnet, . . . . .	39	18	21	-	30	8	1	-	-
Adams, . . . . .	133	66	67	-	77	55	1	-	-
Agawam, . . . . .	41	21	20	-	33	8	-	-	-
Alford, . . . . .	4	3	1	-	4	-	-	-	-
Amesbury, . . . . .	132	59	73	-	102	30	-	-	-
Amherst, . . . . .	69	33	36	-	58	11	-	-	-
Andover, . . . . .	91	30	61	-	53	38	-	-	-
Arlington, . . . . .	212	86	126	-	146	66	-	-	-
Ashburnham, . . . .	18	8	10	-	15	3	-	-	-
Ashby, . . . . .	14	3	11	-	14	-	-	-	-
Ashfield, . . . . .	15	8	7	-	15	-	-	-	-
Ashland, . . . . .	21	11	10	-	18	3	-	-	-
Athol, . . . . .	120	55	65	-	96	23	1	-	-
ATTLEBORO, . . . .	249 <sup>5</sup>	123	126	-	165	82	2	12.7	11.4
Auburn, . . . . .	24	15	9	-	19	5	-	-	-
Avon, . . . . .	17	5	12	-	13	4	-	-	-
Ayer, . . . . .	37	15	22	-	28	9	-	-	-
Barnstable, . . . .	55	26	29	-	48	7	-	-	-

<sup>1</sup> Cities are printed in small capitals.<sup>2</sup> Exclusive of stillbirths.<sup>3</sup> The rates shown in this column are based on the total population, and make no allowance for differences in the sex and age distribution of the population. The rates for certain localities are materially affected by deaths of nonresidents who may be attracted to those localities by their superior hospital facilities, or who may resort to certain localities for treatment of tuberculosis, mental defects, or other diseases. The death rate, both including and excluding non-residents, is shown.<sup>4</sup> Estimated population (as of July 1, 1919) of the State and counties and of municipalities having over 15,000 inhabitants are printed in Table 1 on pages 15 to 21.<sup>5</sup> 26 nonresidents.

Table 34

DEATHS,<sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.

MUNICIPALITIES. <sup>1</sup>	Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
		Male.	Female.	Unknown.	Native.	Foreign.	Unknown.	Including non-residents.	Excluding non-residents.
Barre, . . . . .	34	13	21	-	28	6	-	-	-
Becket, . . . . .	5	4	1	-	5	-	-	-	-
Bedford, . . . . .	19	11	8	-	15	3	1	-	-
Belchertown, . . . . .	36	18	18	-	34	2	-	-	-
Bellingham, . . . . .	23	13	10	-	15	8	-	-	-
Belmont, . . . . .	98	40	58	-	78	20	-	-	-
Berkley, . . . . .	12	6	6	-	11	1	-	-	-
Berlin, . . . . .	10	5	5	-	7	3	-	-	-
Bernardston, . . . . .	9	6	3	-	9	-	-	-	-
BEVERLY, . . . . .	241 <sup>5</sup>	117	124	-	181	60	-	10.7	9.6
Billerica, . . . . .	60	33	27	-	51	7	2	-	-
Blackstone, . . . . .	42	23	19	-	33	9	-	-	-
Blandford, . . . . .	9	4	5	-	8	1	-	-	-
Bolton, . . . . .	13	8	5	-	12	1	-	-	-
BOSTON, . . . . .	11,673 <sup>6</sup>	5,958	5,715	-	7,354	4,229	90	15.6	13.1
Bourne, . . . . .	33	12	21	-	28	5	-	-	-
Boxborough, . . . . .	1	1	-	-	1	-	-	-	-
Boxford, . . . . .	9	4	5	-	7	2	-	-	-
Boylston, . . . . .	9	6	3	-	5	4	-	-	-
Braintree, . . . . .	128	63	65	-	95	32	1	-	-
Brewster, . . . . .	7	4	3	-	6	1	-	-	-
Bridgewater, . . . . .	165 <sup>7</sup>	123	42	-	93	70	2	-	-
Brimfield, . . . . .	12	6	6	-	11	1	-	-	-
BROCKTON, . . . . .	734 <sup>8</sup>	379	355	-	543	191	-	11.1	10.2
Brookfield, . . . . .	33	14	19	-	25	8	-	-	-
Brookline, . . . . .	414	175	239	-	296	115	3	11.1	-
Buckland, . . . . .	25	14	11	-	15	10	-	-	-
Burlington, . . . . .	14	8	6	-	9	5	-	-	-
CAMBRIDGE, . . . . .	1,468 <sup>9</sup>	717	751	-	921	539	8	13.4	10.6
Canton, . . . . .	73	42	31	-	54	19	-	-	-
Carlisle, . . . . .	10	6	4	-	8	2	-	-	-
Carver, . . . . .	12	4	8	-	10	2	-	-	-
Charlemont, . . . . .	6	1	5	-	6	-	-	-	-
Charlton, . . . . .	38	26	12	-	27	10	1	-	-
Chatham, . . . . .	34	10	24	-	30	4	-	-	-
Chelmsford, . . . . .	74	36	38	-	55	19	-	-	-
CHELSEA, . . . . .	657 <sup>10</sup>	452	235	-	438	246	3	15.9	11.6
Cheshire, . . . . .	16	8	8	-	13	3	-	-	-
Chester, . . . . .	13	10	3	-	10	2	1	-	-
Chesterfield, . . . . .	6	1	5	-	5	1	-	-	-
CHICOPEE, . . . . .	384 <sup>11</sup>	211	173	-	243	141	-	10.8	10.5
Chilmark, . . . . .	3	3	-	-	3	-	-	-	-
Clarksburg, . . . . .	14	6	8	-	13	1	-	-	-
Clinton, . . . . .	171	87	84	-	115	56	-	-	-
Cohasset, . . . . .	26	12	14	-	18	8	-	-	-
Colrain, . . . . .	13	6	7	-	8	5	-	-	-
Concord, . . . . .	107	44	63	-	75	32	-	-	-
Conway, . . . . .	10	6	4	-	9	1	-	-	-
Cumington, . . . . .	4	3	1	-	4	-	-	-	-
Dalton, . . . . .	39	19	20	-	34	5	-	-	-

See footnotes 1-4, on page 108.

<sup>5</sup> 23 nonresidents.<sup>9</sup> 301 nonresidents.<sup>6</sup> 1,896 nonresidents.<sup>10</sup> 184 nonresidents.<sup>7</sup> 97 nonresidents.<sup>11</sup> 11 nonresidents.<sup>8</sup> 64 nonresidents.



Table 34

DEATHS,<sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.

MUNICIPALITIES. <sup>1</sup>	Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
		Male.	Female.	Unknown.	Native.	Foreign.	Unknown.	Including non-residents.	Excluding non-residents.
Dana, . . . . .	7	3	4	-	7	-	-	-	-
Danvers, . . . . .	343 <sup>5</sup>	152	191	-	234	107	2	30.9	11.7
Dartmouth, . . . . .	79	42	37	-	60	19	-	-	-
Dedham, . . . . .	90	41	49	-	65	24	1	-	-
Deerfield, . . . . .	24	15	9	-	17	6	1	-	-
Dennis, . . . . .	40	22	18	-	37	2	1	-	-
Dighton, . . . . .	45	19	26	-	34	11	-	-	-
Douglas, . . . . .	16	7	9	-	13	3	-	-	-
Dover, . . . . .	5	3	2	-	2	3	-	-	-
Dracut, . . . . .	62	33	29	-	34	28	-	-	-
Dudley, . . . . .	45	32	13	-	29	16	-	-	-
Dunstable, . . . . .	9	6	3	-	9	-	-	-	-
Duxbury, . . . . .	19	8	11	-	16	3	-	-	-
East Bridgewater, . . . . .	46	23	23	-	35	11	-	-	-
East Longmeadow, . . . . .	29	13	16	-	19	10	-	-	-
Eastham, . . . . .	7	6	1	-	7	-	-	-	-
Easthampton, . . . . .	121	62	59	-	92	29	-	-	-
Easton, . . . . .	51	29	22	-	33	18	-	-	-
Edgartown, . . . . .	17	7	10	-	13	3	1	-	-
Egremont, . . . . .	11	7	4	-	11	-	-	-	-
Enfield, . . . . .	9	4	5	-	6	3	-	-	-
Erving, . . . . .	13	8	5	-	7	6	-	-	-
Essex, . . . . .	20	9	11	-	17	2	1	-	-
EVERETT, . . . . .	386 <sup>6</sup>	182	204	-	254	131	1	9.6	9.2
Fairhaven, . . . . .	82	38	44	-	57	25	-	-	-
FALL RIVER, . . . . .	1,730 <sup>7</sup>	858	872	-	1,067	658	5	14.3	13.9
Falmouth, . . . . .	52	27	25	-	45	6	1	-	-
FITCHBURG, . . . . .	456 <sup>8</sup>	238	218	-	275	179	2	11.1	10.6
Florida, . . . . .	2	1	1	-	1	1	-	-	-
Foxborough, . . . . .	86 <sup>9</sup>	49	37	-	53	30	3	-	-
Framingham, . . . . .	258	126	132	-	194	63	1	15.2	-
Franklin, . . . . .	70	32	38	-	39	30	1	-	-
Freetown, . . . . .	12	8	4	-	10	2	-	-	-
Gardner, . . . . .	216 <sup>10</sup>	129	87	-	158	58	-	12.8	10.0
Gay Head, . . . . .	2	1	1	-	2	-	-	-	-
Georgetown, . . . . .	33	19	14	-	26	7	-	-	-
Gill, . . . . .	8	2	6	-	6	2	-	-	-
GLOUCESTER, . . . . .	319 <sup>11</sup>	161	156	2	215	102	2	13.8	13.0
Goshen, . . . . .	1	1	-	-	1	-	-	-	-
Gosnold, . . . . .	1	-	-	1	-	-	1	-	-
Grafton, . . . . .	112 <sup>12</sup>	46	66	-	76	36	-	-	-
Granby, . . . . .	12	3	9	-	9	3	-	-	-
Granville, . . . . .	5	5	-	-	5	-	-	-	-
Great Barrington, . . . . .	82	34	48	-	70	12	-	-	-
Greenfield, . . . . .	184	94	90	-	152	31	1	-	-
Greenwich, . . . . .	8	2	6	-	6	2	-	-	-
Groton, . . . . .	38	17	21	-	32	6	-	-	-
Groveland, . . . . .	21	9	12	-	16	5	-	-	-
Hadley, . . . . .	29	16	13	-	24	5	-	-	-
Halifax, . . . . .	7	5	2	-	5	1	1	-	-

See footnotes 1-4, on page 108.

<sup>5</sup> 213 nonresidents.<sup>6</sup> 21 nonresidents.<sup>7</sup> 48 nonresidents.<sup>8</sup> 23 nonresidents.<sup>9</sup> 38 nonresidents.<sup>10</sup> 47 nonresidents.<sup>11</sup> 19 nonresidents.<sup>12</sup> 45 nonresidents.

Table 34	MUNICIPALITIES. <sup>1</sup>	DEATHS, <sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.								
		Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
			Male.	Female.	Un-known.	Native.	Foreign.	Un-known.	In-cluding non-residents.	Ex-cluding non-residents.
	Hamilton, . . . .	14	7	7	-	12	2	-	-	-
	Hampden, . . . .	16	5	11	-	13	2	1	-	-
	Hancock, . . . .	5	3	2	-	5	-	-	-	-
	Hanover, . . . .	29	14	15	-	25	4	-	-	-
	Hanson, . . . .	36	17	19	-	30	6	-	-	-
	Hardwick, . . . .	23	10	13	-	15	8	-	-	-
	Harvard, . . . .	58	52	6	-	40	13	5	-	-
	Harwich, . . . .	36	19	17	-	34	1	1	-	-
	Hatfield, . . . .	19	9	10	-	9	10	-	-	-
	HAVERHILL, . . . .	704 <sup>5</sup>	330	374	-	528	172	4	13.2	12.4
	Hawley, . . . .	7	3	4	-	7	-	-	-	-
	Heath, . . . .	4	2	2	-	3	1	-	-	-
	Hingham, . . . .	73	32	41	-	56	17	-	-	-
	Hinsdale, . . . .	16	6	10	-	10	5	1	-	-
	Holbrook, . . . .	54	23	31	-	45	9	-	-	-
	Holden, . . . .	41	22	19	-	31	10	-	-	-
	Holland, . . . .	1	1	-	-	1	-	-	-	-
	Holliston, . . . .	28	17	11	-	22	6	-	-	-
	HOLYOKE, . . . .	838 <sup>6</sup>	416	422	-	503	332	3	13.9	12.2
	Hopedale, . . . .	36	19	17	-	29	7	-	-	-
	Hopkinton, . . . .	27	15	12	-	19	8	-	-	-
	Hubbardston, . . . .	14	8	6	-	13	1	-	-	-
	Hudson, . . . .	73	41	32	-	54	18	-	-	-
	Hull, . . . .	30	16	14	-	20	10	-	-	-
	Huntington, . . . .	22	14	8	-	18	4	-	-	-
	Ipswich, . . . .	78	43	35	-	62	16	-	-	-
	Kingston, . . . .	32	22	10	-	23	8	1	-	-
	Lakeville, . . . .	139 <sup>7</sup>	92	47	-	77	62	-	-	-
	Lancaster, . . . .	18	7	11	-	13	4	1	-	-
	Lanesborough, . . . .	8	3	5	-	5	3	-	-	-
	LAWRENCE, . . . .	1,280 <sup>8</sup>	670	610	-	726	547	7	13.6	12.9
	Lee, . . . .	47	23	24	-	37	10	-	-	-
	Leicester, . . . .	39	16	23	-	29	10	-	-	-
	Lenox, . . . .	34	17	17	-	23	11	-	-	-
	LEOMINSTER, . . . .	234 <sup>9</sup>	121	113	-	178	56	-	12.0	11.7
	Leverett, . . . .	13	5	8	-	12	1	-	-	-
	Lexington, . . . .	71	35	36	-	53	18	-	-	-
	Leyden, . . . .	5	1	4	-	4	1	-	-	-
	Lincoln, . . . .	6	3	3	-	4	2	-	-	-
	Littleton, . . . .	19	4	15	-	16	3	-	-	-
	Longmeadow, . . . .	19	7	12	-	18	1	-	-	-
	LOWELL, . . . .	1,708 <sup>10</sup>	833	875	-	1,093	606	9	15.2	14.8
	Ludlow, . . . .	110	53	57	-	87	23	-	-	-
	Lunenburg, . . . .	28	9	19	-	26	2	-	-	-
	LYNN, . . . .	1,215 <sup>11</sup>	601	614	-	859	351	5	12.3	11.6
	Lynnfield, . . . .	14	6	8	-	11	3	-	-	-
	MALDEN, . . . .	566 <sup>12</sup>	283	283	-	385	180	1	11.5	10.2
	Manchester, . . . .	34	21	13	-	26	8	-	-	-
	Mansfield, . . . .	53	24	29	-	40	12	1	-	-
	Marblehead, . . . .	90	43	47	-	79	11	-	-	-

See footnotes 1-4, on page 108.

<sup>5</sup> 42 nonresidents.<sup>9</sup> 5 nonresidents.<sup>6</sup> 104 nonresidents.<sup>10</sup> 52 nonresidents.<sup>7</sup> 122 nonresidents.<sup>11</sup> 73 nonresidents.<sup>8</sup> 69 nonresidents.<sup>12</sup> 66 nonresidents.

Table 34

DEATHS,<sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.

MUNICIPALITIES. <sup>1</sup>	Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
		Male.	Female.	Unknown.	Native.	Foreign.	Unknown.	Including non-residents.	Excluding non-residents.
Marion, . . . . .	12	7	5	—	10	2	—	—	—
MARLBOROUGH, . . . .	190 <sup>5</sup>	100	90	—	138	51	1	12.6	11.4
Marshfield, . . . . .	21	12	9	—	15	6	—	—	—
Mashpee, . . . . .	3	1	2	—	2	1	—	—	—
Mattapoisett, . . . . .	20	11	9	—	17	3	—	—	—
Maynard, . . . . .	63	27	36	—	36	27	—	—	—
Medfield, . . . . .	87 <sup>6</sup>	26	61	—	48	39	—	—	—
MEDFORD, . . . . .	407 <sup>7</sup>	162	245	—	270	134	3	10.7	9.5
Medway, . . . . .	18	10	8	—	6	12	—	—	—
MELROSE, . . . . .	215 <sup>8</sup>	102	113	—	183	32	—	11.9	10.2
Mendon, . . . . .	14	7	7	—	12	2	—	—	—
Merrimac, . . . . .	33	18	15	—	26	7	—	—	—
METHUEN, . . . . .	198 <sup>9</sup>	80	118	—	106	91	1	13.1	11.5
Middleborough, . . . .	111	58	53	—	96	15	—	—	—
Middlefield, . . . . .	3	2	1	—	2	1	—	—	—
Middleton, . . . . .	17	11	6	—	13	4	—	—	—
Milford, . . . . .	215	105	110	—	144	71	—	—	—
Millbury, . . . . .	55	29	26	—	34	21	—	—	—
Millis, . . . . .	14	8	6	—	11	3	—	—	—
Millville, . . . . .	23	11	12	—	15	8	—	—	—
Milton, . . . . .	71	32	39	—	58	13	—	—	—
Monroe, . . . . .	—	—	—	—	—	—	—	—	—
Monson, . . . . .	111 <sup>10</sup>	64	47	—	88	23	—	—	—
Montague, . . . . .	105	61	44	—	69	36	—	—	—
Monterey, . . . . .	6	1	5	—	5	1	—	—	—
Montgomery, . . . . .	3	1	2	—	3	—	—	—	—
Mount Washington, . . .	—	—	—	—	—	—	—	—	—
Nahant, . . . . .	22	11	11	—	17	5	—	—	—
Nantucket, . . . . .	58	34	24	—	53	5	—	—	—
Natick, . . . . .	134	56	78	—	90	43	1	—	—
Needham, . . . . .	71	27	44	—	56	15	—	—	—
New Ashford, . . . . .	2	1	1	—	1	1	—	—	—
NEW BEDFORD, . . . . .	1,626 <sup>11</sup>	836	790	—	1,056	562	8	13.6	13.0
New Braintree, . . . . .	5	2	3	—	4	1	—	—	—
New Marlborough, . . . .	10	7	3	—	8	2	—	—	—
New Salem, . . . . .	12	7	5	—	12	—	—	—	—
Newbury, . . . . .	18	7	11	—	16	2	—	—	—
NEWBURYPORT, . . . . .	270 <sup>12</sup>	139	131	—	220	48	2	17.3	14.8
NEWTON, . . . . .	495 <sup>13</sup>	229	266	—	357	137	1	10.8	9.4
Norfolk, . . . . .	13	10	3	—	8	5	—	—	—
NORTH ADAMS, . . . . .	311 <sup>5</sup>	149	162	—	212	98	1	14.0	12.6
North Andover, . . . . .	64	23	41	—	35	28	1	—	—
North Attleborough, . . .	117	56	61	—	83	34	—	—	—
North Brookfield, . . . .	51	26	25	—	37	13	1	—	—
North Reading, . . . . .	71 <sup>14</sup>	49	22	—	37	34	—	—	—
NORTHAMPTON, . . . . .	419 <sup>15</sup>	214	205	—	270	149	—	19.1	10.4
Northborough, . . . . .	28	11	17	—	24	4	—	—	—
Northbridge, . . . . .	120	67	53	—	68	51	1	—	—
Northfield, . . . . .	20	6	14	—	18	2	—	—	—
Norton, . . . . .	25	16	9	—	21	4	—	—	—

See footnotes 1-4, on page 103.

<sup>5</sup> 19 nonresidents.<sup>6</sup> 68 nonresidents.<sup>7</sup> 46 nonresidents.<sup>8</sup> 31 nonresidents.<sup>9</sup> 24 nonresidents.<sup>10</sup> 73 nonresidents.<sup>11</sup> 66 nonresidents.<sup>12</sup> 39 nonresidents.<sup>13</sup> 63 nonresidents.<sup>14</sup> 60 nonresidents.<sup>15</sup> 191 nonresidents.

Table 34

DEATHS,<sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.

MUNICIPALITIES. <sup>1</sup>	Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
		Male.	Female.	Unknown.	Native.	Foreign.	Unknown.	Including non-residents.	Excluding non-residents.
Norwell, . . . . .	25	12	13	-	18	6	1	-	-
Norwood, . . . . .	153	70	83	-	103	50	-	-	-
Oak Bluffs, . . . . .	24	13	11	-	22	2	-	-	-
Oakham, . . . . .	11	6	5	-	7	4	-	-	-
Orange, . . . . .	70	32	38	-	59	10	1	-	-
Orleans, . . . . .	19	10	9	-	16	3	-	-	-
Otis, . . . . .	15	15	-	-	13	2	-	-	-
Oxford, . . . . .	48	23	25	-	35	13	-	-	-
Palmer, . . . . .	135	82	53	-	89	44	2	-	-
Paxton, . . . . .	15	10	5	-	11	4	-	-	-
PEABODY, . . . . .	235 <sup>5</sup>	141	94	-	153	82	-	12.1	11.2
Pelham, . . . . .	5	5	-	-	2	3	-	-	-
Pembroke, . . . . .	16	11	5	-	14	2	-	-	-
Pepperell, . . . . .	44	22	22	-	28	15	1	-	-
Peru, . . . . .	1	1	-	-	1	-	-	-	-
Petersham, . . . . .	9	5	4	-	9	-	-	-	-
Phillipston, . . . . .	5	4	1	-	4	1	-	-	-
PITTSFIELD, . . . . .	559 <sup>6</sup>	286	273	-	425	131	3	13.5	11.5
Plainfield, . . . . .	3	3	-	-	3	-	-	-	-
Plainville, . . . . .	19	10	9	-	12	7	-	-	-
Plymouth, . . . . .	154	70	84	-	116	38	-	-	-
Plympton, . . . . .	6	2	4	-	6	-	-	-	-
Prescott, . . . . .	5	2	3	-	5	-	-	-	-
Princeton, . . . . .	13	8	5	-	11	2	-	-	-
Provincetown, . . . . .	74	37	37	-	46	28	-	-	-
QUINCY, . . . . .	453 <sup>7</sup>	244	209	-	279	170	4	9.6	9.0
Randolph, . . . . .	63	33	30	-	48	15	-	-	-
Raynham, . . . . .	23	16	7	-	18	5	-	-	-
Reading, . . . . .	73	36	37	-	55	17	1	-	-
Rehoboth, . . . . .	31	17	14	-	24	6	1	-	-
REVERE, . . . . .	216 <sup>8</sup>	104	112	-	137	79	-	7.5	7.2
Richmond, . . . . .	13	10	3	-	10	3	-	-	-
Rochester, . . . . .	12	5	7	-	11	1	-	-	-
Rockland, . . . . .	103	46	57	-	80	23	-	-	-
Rockport, . . . . .	44	25	19	-	30	14	-	-	-
Rowe, . . . . .	2	-	2	-	2	-	-	-	-
Rowley, . . . . .	24	9	15	-	22	2	-	-	-
Royalston, . . . . .	10	9	1	-	10	-	-	-	-
Russell, . . . . .	7	5	2	-	5	2	-	-	-
Rutland, . . . . .	66 <sup>9</sup>	41	25	-	49	16	1	-	-
SALEM, . . . . .	599 <sup>10</sup>	299	300	-	402	197	-	-	-
Salisbury, . . . . .	33	16	16	1	27	5	1	-	-
Sandisfield, . . . . .	6	4	2	-	5	1	-	-	-
Sandwich, . . . . .	28	10	18	-	25	3	-	-	-
Saugus, . . . . .	113	55	58	-	90	23	-	-	-
Savoy, . . . . .	4	3	1	-	4	-	-	-	-
Scituate, . . . . .	24	11	12	1	21	2	1	-	-
Seekonk, . . . . .	34	19	15	-	28	6	-	-	-
Sharon, . . . . .	27	8	19	-	21	6	-	-	-
Sheffield, . . . . .	21	14	7	-	19	2	-	-	-

See footnotes 1-4, on page 108.

<sup>5</sup> 18 nonresidents.<sup>8</sup> 11 nonresidents.<sup>6</sup> 82 nonresidents.<sup>9</sup> 54 nonresidents.<sup>7</sup> 30 nonresidents.<sup>10</sup> 51 nonresidents.

Table 34

DEATHS,<sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.

MUNICIPALITIES. <sup>1</sup>	Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
		Male.	Female.	Un-known.	Native.	Foreign.	Un-known.	Including non-residents.	Excluding non-residents.
Shelburne, . . . . .	17	9	8	-	14	3	-	-	-
Sherborn, . . . . .	29	10	19	-	26	3	-	-	-
Shirley, . . . . .	22	6	16	-	17	5	-	-	-
Shrewsbury, . . . . .	37	17	20	-	31	6	-	-	-
Shutesbury, . . . . .	3	2	1	-	3	-	-	-	-
Somerset, . . . . .	37	21	16	-	24	13	-	-	-
SOMERVILLE, . . . . .	1,074 <sup>5</sup>	501	573	-	711	361	2	11.6	11.0
South Hadley, . . . . .	51	22	29	-	37	14	-	-	-
Southampton, . . . . .	11	6	5	-	9	2	-	-	-
Southborough, . . . . .	23	5	18	-	16	7	-	-	-
Southbridge, . . . . .	122	67	55	-	85	37	-	-	-
Southwick, . . . . .	7	1	6	-	7	-	-	-	-
Spencer, . . . . .	89	47	42	-	59	30	-	-	-
SPRINGFIELD, . . . . .	1,751 <sup>6</sup>	874	875	2	1,231	513	7	13.8	11.7
Sterling, . . . . .	17	8	9	-	16	1	-	-	-
Stockbridge, . . . . .	23	14	9	-	15	8	-	-	-
Stoneham, . . . . .	119	56	63	-	91	27	1	-	-
Stoughton, . . . . .	97	49	48	-	78	19	-	-	-
Stow, . . . . .	13	2	11	-	9	4	-	-	-
Sturbridge, . . . . .	20	11	9	-	14	6	-	-	-
Sudbury, . . . . .	15	7	8	-	15	-	-	-	-
Sunderland, . . . . .	12	5	7	-	8	4	-	-	-
Sutton, . . . . .	36	25	11	-	24	12	-	-	-
Swampscott, . . . . .	73	25	48	-	56	17	-	-	-
Swansea, . . . . .	38	17	21	-	26	12	-	-	-
TAUNTON, . . . . .	760 <sup>7</sup>	391	369	-	529	226	5	20.5	15.5
Templeton, . . . . .	54 <sup>8</sup>	37	17	-	44	8	2	-	-
Tewksbury, . . . . .	22	7	15	-	15	7	-	-	-
State Infirmary, . . . . .	480	341	139	-	204	276	-	-	-
Tisbury, . . . . .	25	14	11	-	20	4	1	-	-
Tolland, . . . . .	-	-	-	-	-	-	-	-	-
Topsfield, . . . . .	16	9	7	-	13	3	-	-	-
Townsend, . . . . .	18	9	9	-	16	2	-	-	-
Truro, . . . . .	16	8	8	-	12	4	-	-	-
Tyngsborough, . . . . .	11	7	4	-	7	3	1	-	-
Tyringham, . . . . .	2	1	1	-	2	-	-	-	-
Upton, . . . . .	23	12	11	-	19	4	-	-	-
Uxbridge, . . . . .	51	28	23	-	36	15	-	-	-
Wakefield, . . . . .	146	61	85	-	106	40	-	-	-
Wales, . . . . .	5	3	2	-	3	1	1	-	-
Walpole, . . . . .	43	20	23	-	32	11	-	-	-
WALTHAM, . . . . .	359 <sup>9</sup>	185	173	1	258	100	1	11.6	9.4
Ware, . . . . .	88	42	46	-	53	35	-	-	-
Wareham, . . . . .	68	25	43	-	50	18	-	-	-
Warren, . . . . .	52	24	28	-	32	20	-	-	-
Warwick, . . . . .	7	3	4	-	6	1	-	-	-
Washington, . . . . .	2	-	2	-	2	-	-	-	-
Watertown, . . . . .	158	69	89	-	108	49	1	7.5	-
Wayland, . . . . .	19	11	8	-	13	6	-	-	-
Webster, . . . . .	124	68	56	-	74	50	-	-	-
Wellesley, . . . . .	64	24	40	-	46	18	-	-	-

See footnotes 1-4, on page 108.

<sup>5</sup> 58 nonresidents.<sup>8</sup> 17 nonresidents.<sup>6</sup> 264 nonresidents.<sup>9</sup> 69 nonresidents.<sup>7</sup> 184 nonresidents.

Table 34

DEATHS,<sup>2</sup> BY SEX AND NATIVITY, AND DEATH RATES IN EACH COUNTY AND CITY: 1919.

MUNICIPALITIES. <sup>1</sup>	Total number.	SEX.			NATIVITY.			DEATH RATE <sup>3</sup> PER 1,000 POPULATION. <sup>4</sup>	
		Male.	Female.	Un-known.	Native.	Foreign.	Un-known.	Including non-residents.	Excluding non-residents.
Wellfleet, . . . . .	17	11	6	-	13	4	-	-	-
Wendell, . . . . .	3	2	1	-	2	1	-	-	-
Wenham, . . . . .	15	7	8	-	13	2	-	-	-
West Boylston, . . . .	21	9	12	-	18	3	-	-	-
West Bridgewater, . . .	22	10	12	-	19	3	-	-	-
West Brookfield, . . .	25	8	17	-	19	6	-	-	-
West Newbury, . . . .	17	5	12	-	14	3	-	-	-
West Springfield, . . .	102	56	46	-	85	17	-	-	-
West Stockbridge, . . .	18	10	8	-	10	8	-	-	-
West Tisbury, . . . .	4	2	2	-	4	-	-	-	-
Westborough, . . . . .	158 <sup>5</sup>	80	78	-	115	42	1	-	-
Westfield, . . . . .	278 <sup>6</sup>	148	130	-	215	63	-	15.0	11.6
Westford, . . . . .	35	16	19	-	25	10	-	-	-
Westhampton, . . . . .	5	3	2	-	5	-	-	-	-
Westminster, . . . . .	16	11	5	-	14	2	-	-	-
Weston, . . . . .	14	9	5	-	13	1	-	-	-
Westport, . . . . .	63	36	27	-	48	14	1	-	-
Westwood, . . . . .	12	7	5	-	11	1	-	-	-
Weymouth, . . . . .	165	86	79	-	130	35	-	-	-
Whately, . . . . .	14	10	4	-	12	2	-	-	-
Whitman, . . . . .	75	36	39	-	62	13	-	-	-
Wilbraham, . . . . .	26	16	10	-	20	6	-	-	-
Williamsburg, . . . . .	20	7	13	-	16	4	-	-	-
Williamstown, . . . . .	54	25	29	-	45	8	1	-	-
Wilmington, . . . . .	25	11	14	-	17	8	-	-	-
Winchendon, . . . . .	99	59	40	-	82	17	-	-	-
Winchester, . . . . .	138	62	76	-	105	33	-	-	-
Windsor, . . . . .	2	2	-	-	2	-	-	-	-
Winthrop, . . . . .	139	71	68	-	109	29	1	-	-
Woburn, . . . . .	205 <sup>7</sup>	101	104	-	134	71	-	12.4	11.6
WORCESTER, . . . . .	2,638 <sup>8</sup>	1,309	1,329	-	1,711	913	14	14.8	12.4
Worthington, . . . . .	4	-	4	-	4	-	-	-	-
Wrentham, . . . . .	33 <sup>9</sup>	12	21	-	30	3	-	-	-
Yarmouth, . . . . .	28	13	15	-	28	-	-	-	-

See footnotes 1-4, on page 108.

<sup>5</sup> 111 nonresidents.<sup>8</sup> 431 nonresidents.<sup>6</sup> 63 nonresidents.<sup>9</sup> 15 nonresidents.<sup>7</sup> 13 nonresidents.



Line No.	Table 35 COUNTIES AND SEX.	DEATHS, <sup>1</sup> BY SEX AND											
		All ages.	Under 5 years.	Under 1 year.	1 year.	2 years.	3 years.	4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.
1	The State.	52,345	10,813	7,769	1,446	721	512	365	1,147	654	1,041	1,620	2,177
2	Males, . . . . .	26,407	6,031	4,395	765	399	286	186	632	353	554	717	1,024
3	Females, . . . . .	25,930	4,781	3,373	681	322	226	179	515	301	487	903	1,153
4	Unknown, . . . . .	8	1	1	-	-	-	-	-	-	-	-	-
5	BARNSTABLE.	449	42	35	6	1	-	-	5	3	4	10	6
6	Males, . . . . .	216	21	16	4	1	-	-	3	1	2	7	2
7	Females, . . . . .	233	21	19	2	-	-	-	2	2	2	3	4
8	BERKSHIRE.	1,465	233	175	24	18	12	4	26	26	20	45	56
9	Males, . . . . .	743	124	98	11	5	7	3	12	17	9	14	34
10	Females, . . . . .	722	109	77	13	13	5	1	14	9	11	31	22
11	BRISTOL.	5,106	1,543	1,071	244	109	62	57	118	54	125	131	178
12	Males, . . . . .	2,590	888	628	136	64	37	23	73	25	68	47	73
13	Females, . . . . .	2,516	655	443	108	45	25	34	45	29	57	84	105
14	DUKES.	76	9	5	1	1	1	1	4	1	3	2	2
15	Males, . . . . .	40	6	4	1	-	-	1	2	-	2	2	1
16	Females, . . . . .	35	3	1	-	1	1	-	2	1	1	-	1
17	Unknown, . . . . .	1	-	-	-	-	-	-	-	-	-	-	-
18	ESSEX.	6,429	1,217	821	182	97	67	50	157	69	126	186	246
19	Males, . . . . .	3,161	679	475	87	58	30	29	79	44	55	80	120
20	Females, . . . . .	3,265	538	346	95	39	37	21	78	25	71	106	126
21	Unknown, . . . . .	3	-	-	-	-	-	-	-	-	-	-	-
22	FRANKLIN.	601	99	78	5	8	2	6	10	8	10	18	19
23	Males, . . . . .	308	57	47	1	5	2	2	4	3	4	12	8
24	Females, . . . . .	293	42	31	4	3	-	4	6	5	6	6	11
25	HAMPDEN.	3,902	1,046	765	139	66	43	33	101	54	87	120	195
26	Males, . . . . .	2,002	563	416	73	34	25	15	66	32	49	50	104
27	Females, . . . . .	1,898	483	349	66	32	18	18	35	22	38	70	91
28	Unknown, . . . . .	2	-	-	-	-	-	-	-	-	-	-	-
29	HAMPSHIRE.	950	175	132	15	10	11	7	16	9	14	19	43
30	Males, . . . . .	472	94	70	8	8	6	2	9	4	5	6	23
31	Females, . . . . .	478	81	62	7	2	5	5	7	5	9	13	20
32	MIDDLESEX.	10,005	1,883	1,373	230	135	87	58	188	125	201	292	404
33	Males, . . . . .	4,873	1,065	786	116	74	57	32	104	74	97	116	178
34	Females, . . . . .	5,131	817	586	114	61	30	26	84	51	104	176	226
35	Unknown, . . . . .	1	1	1	-	-	-	-	-	-	-	-	-
36	NANTUCKET.	58	3	3	-	-	-	-	-	1	-	1	3
37	Males, . . . . .	34	3	3	-	-	-	-	-	-	-	1	2
38	Females, . . . . .	24	-	-	-	-	-	-	-	1	-	-	1
39	NORFOLK.	2,389	326	247	34	12	22	11	44	36	54	69	86
40	Males, . . . . .	1,134	184	140	16	8	12	8	26	20	38	36	37
41	Females, . . . . .	1,255	142	107	18	4	10	3	18	16	16	33	49
42	PLYMOUTH.	2,052	275	216	22	16	13	8	40	24	39	86	80
43	Males, . . . . .	1,081	154	123	10	8	7	6	20	13	22	48	38
44	Females, . . . . .	970	121	93	12	8	6	2	20	11	17	38	42
45	Unknown, . . . . .	1	-	-	-	-	-	-	-	-	-	-	-
46	SUFFOLK.	12,715	2,726	1,959	367	169	140	91	308	169	239	434	599
47	Males, . . . . .	6,585	1,509	1,086	210	90	76	47	155	82	138	191	279
48	Females, . . . . .	6,130	1,217	873	157	79	64	44	153	87	101	243	320
49	WORCESTER.	6,148	1,236	889	177	79	52	39	130	75	119	207	260
50	Males, . . . . .	3,168	684	503	92	44	27	18	79	38	65	107	125
51	Females, . . . . .	2,980	552	386	85	35	25	21	51	37	54	100	135

<sup>1</sup> Exclusive of stillbirths.



AGE, IN EACH COUNTY: 1919.

Line No.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 to 84 years.	85 to 89 years.	90 to 94 years.	95 to 99 years.	100 years and over.	Age unknown.
1	2,201	2,247	2,261	2,630	2,891	3,011	3,633	3,817	3,857	3,498	2,679	1,471	538	118	21	20
2	1,104	1,188	1,189	1,406	1,531	1,627	1,832	1,913	1,851	1,560	1,080	576	188	37	5	9
3	1,097	1,059	1,072	1,224	1,360	1,384	1,801	1,904	2,006	1,938	1,599	895	350	81	16	4
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
5	14	21	14	11	20	22	26	39	49	66	45	37	13	1	1	-
6	5	12	6	4	12	11	13	21	23	29	19	13	6	1	-	-
7	9	9	8	7	8	11	13	18	21	37	26	24	7	-	1	-
8	63	69	64	57	72	93	109	129	133	116	82	44	22	4	2	-
9	33	35	32	28	41	53	53	60	77	52	41	19	4	4	1	-
10	30	34	32	29	31	40	56	69	56	64	41	25	18	-	1	-
11	202	187	191	226	261	241	304	311	340	300	223	103	47	12	1	3
12	105	91	86	109	126	130	150	172	165	124	90	43	19	4	-	2
13	97	96	105	117	135	111	154	139	175	176	138	60	28	8	1	1
14	-	-	-	-	7	6	3	4	10	10	6	4	4	-	-	1
15	-	-	-	-	4	-	2	3	6	6	2	3	1	-	-	-
16	-	-	-	-	3	6	1	1	4	4	4	1	3	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
18	244	275	248	317	345	380	461	508	489	467	384	223	71	7	3	6
19	117	153	136	164	171	201	216	249	211	204	169	87	23	1	1	1
20	127	122	112	153	174	179	245	259	278	263	215	136	48	6	2	2
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
22	20	19	15	25	35	21	42	53	56	51	55	34	9	2	-	-
23	11	10	9	11	14	14	22	27	32	28	25	13	3	1	-	-
24	9	9	6	14	21	7	20	26	24	23	30	21	6	1	-	-
25	202	164	169	203	212	208	220	249	213	205	139	72	33	6	1	3
26	93	81	92	119	110	107	106	139	99	95	52	30	14	-	-	1
27	109	83	77	84	102	101	114	110	114	110	87	42	19	6	1	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
29	21	43	27	42	43	58	61	70	90	91	72	38	11	6	1	-
30	11	29	18	19	23	32	32	37	38	41	30	15	4	2	-	-
31	10	14	9	23	20	26	29	33	52	50	42	23	7	4	1	-
32	390	393	451	453	556	619	749	778	819	717	546	309	100	25	4	3
33	179	206	218	243	284	335	356	373	389	298	205	111	33	6	1	2
34	211	187	233	210	272	284	393	405	430	419	341	198	67	19	3	1
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	2	-	1	1	3	5	7	3	4	9	9	3	3	-	-	-
37	-	-	-	-	2	5	5	3	3	4	2	2	2	-	-	-
38	2	-	1	1	1	-	2	-	1	5	7	1	1	-	-	-
39	78	77	103	125	127	156	192	197	180	194	181	109	41	13	1	-
40	33	47	55	62	62	71	92	88	75	81	69	38	15	5	-	-
41	45	30	48	63	65	85	100	109	105	113	112	71	26	8	1	-
42	79	100	79	84	100	98	138	175	199	169	153	92	33	7	1	1
43	40	56	49	49	55	60	86	82	103	84	65	44	11	1	1	-
44	39	44	30	35	45	38	52	93	96	85	88	48	22	6	-	-
45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
46	624	629	629	786	807	788	875	851	805	667	462	225	72	17	3	-
47	339	318	343	444	466	438	469	427	390	311	169	86	26	5	-	-
48	285	311	286	342	341	350	406	424	415	356	293	139	46	12	3	-
49	262	270	270	300	303	316	446	450	470	436	317	178	79	18	3	3
50	138	150	145	154	161	170	230	232	235	203	142	72	27	7	1	3
51	124	120	125	146	142	146	216	218	235	233	175	106	52	11	2	-

Line No.	Table 36 MUNICIPALITIES AND SEX.	DEATHS, BY SEX AND AGE, <sup>1</sup> IN MUNICIPALITIES											
		All ages.	Under 5 years.	Under 1 year.	1 year.	2 years.	3 years.	4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.
1	ATTLEBORO.	249	44	35	4	2	1	2	4	1	5	5	10
2	Males, . . . . .	123	26	20	3	2	1	—	3	1	3	2	3
3	Females, . . . . .	126	18	15	1	—	—	2	1	—	2	3	7
4	BEVERLY.	241	31	21	4	3	1	2	5	4	4	8	8
5	Males, . . . . .	117	17	12	2	2	—	1	3	3	2	5	6
6	Females, . . . . .	124	14	9	2	1	1	1	2	1	2	3	2
7	BOSTON.	11,673	2,528	1,814	342	154	134	84	290	151	201	385	545
8	Males, . . . . .	5,958	1,399	1,009	195	82	72	41	148	71	108	160	238
9	Females, . . . . .	5,715	1,129	805	147	72	62	43	142	80	93	225	307
10	BROCKTON.	734	139	111	10	8	6	4	24	13	15	30	34
11	Males, . . . . .	379	83	67	5	4	4	3	13	9	8	11	17
12	Females, . . . . .	355	56	44	5	4	2	1	11	4	7	19	17
13	BROOKLINE (TOWN).	414	22	17	1	1	3	—	2	5	3	8	13
14	Males, . . . . .	175	12	9	1	1	1	—	2	3	1	6	7
15	Females, . . . . .	239	10	8	—	—	2	—	—	2	2	2	6
16	CAMBRIDGE.	1,468	264	194	33	25	8	4	25	16	33	59	62
17	Males, . . . . .	717	149	111	17	13	5	3	13	7	17	21	29
18	Females, . . . . .	751	115	83	16	12	3	1	12	9	16	38	33
19	CHELSEA.	687	118	90	15	8	3	2	14	10	27	34	39
20	Males, . . . . .	452	69	52	9	4	2	2	6	5	22	25	31
21	Females, . . . . .	235	49	38	6	4	1	—	8	5	5	9	8
22	CHICOPEE.	384	160	123	20	6	8	3	10	4	7	10	16
23	Males, . . . . .	211	84	65	8	3	6	2	7	3	1	6	7
24	Females, . . . . .	173	76	58	12	3	2	1	3	1	6	4	9
25	EVERETT.	386	74	52	5	6	7	4	12	10	2	12	15
26	Males, . . . . .	182	42	30	1	4	5	2	6	6	1	4	3
27	Females, . . . . .	204	32	22	4	2	2	2	6	4	1	8	11
28	FALL RIVER.	1,730	607	410	108	42	22	25	41	20	45	54	52
29	Males, . . . . .	858	339	235	58	22	13	11	26	9	19	16	17
30	Females, . . . . .	872	268	175	50	20	9	14	15	11	26	38	38
31	FITCHBURG.	456	109	74	13	9	7	6	10	7	10	10	22
32	Males, . . . . .	238	56	43	2	6	4	1	6	5	4	3	12
33	Females, . . . . .	218	53	31	11	3	3	5	4	2	6	7	10
34	FRAMINGHAM (TOWN).	258	46	32	8	3	2	1	1	8	5	5	5
35	Males, . . . . .	126	26	17	4	3	2	—	1	7	4	2	1
36	Females, . . . . .	132	20	15	4	—	—	1	—	1	1	3	4
37	GARDNER (TOWN).	216	38	35	1	—	—	2	5	1	2	6	12
38	Males, . . . . .	129	24	21	1	—	—	2	3	1	1	4	4
39	Females, . . . . .	87	14	14	—	—	—	—	2	—	1	2	8
40	GLOUCESTER.	319	59	41	5	7	3	3	11	3	10	11	12
41	Males, . . . . .	161	31	21	3	3	2	2	5	2	5	4	5
42	Females, . . . . .	156	28	20	2	4	1	1	6	1	5	7	7
43	Unknown, . . . . .	2	—	—	—	—	—	—	—	—	—	—	—
44	HAVERHILL.	704	138	95	22	5	7	9	9	11	18	35	26
45	Males, . . . . .	330	83	60	12	4	4	3	5	5	8	14	14
46	Females, . . . . .	374	55	35	10	1	3	6	4	6	10	21	12
47	HOLYOKE.	838	258	189	35	18	9	7	24	15	13	17	37
48	Males, . . . . .	416	127	91	20	7	5	4	16	10	5	4	16
49	Females, . . . . .	422	131	98	15	11	4	3	8	5	8	13	21
50	LAWRENCE.	1,280	367	249	53	33	20	12	42	13	26	40	64
51	Males, . . . . .	670	198	136	22	12	9	9	23	7	13	20	28
52	Females, . . . . .	610	169	113	31	11	11	3	19	6	13	20	36

<sup>1</sup> Age at last birthday.

HAVING OVER 15,000 INHABITANTS: 1919.

Line No.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 to 84 years.	85 to 89 years.	90 to 94 years.	95 to 99 years.	100 years and over.	Age unknown.
1		9	13	10	9	11	12	18	18	27	14	9	2	2	-	1
2		4	7	4	1	6	5	12	8	12	6	5	-	2	-	1
3		5	6	6	8	5	7	6	10	15	8	4	2	-	-	-
4		8	10	4	10	15	12	18	24	25	10	12	4	1	-	-
5		2	5	2	4	5	9	10	11	10	7	4	2	-	-	-
6		6	5	2	6	10	3	8	13	13	3	8	2	1	-	-
7	577	587	596	741	748	735	807	794	728	574	399	206	63	16	2	-
8	310	295	320	418	432	407	442	395	340	243	127	77	23	5	-	-
9	267	292	276	323	316	328	365	399	388	331	272	129	40	11	2	-
10	24	34	26	38	37	37	49	65	54	46	44	16	7	2	-	-
11	12	15	11	23	21	23	30	32	22	24	15	7	3	-	-	-
12	12	19	15	15	16	14	19	33	32	22	29	9	4	2	-	-
13	14	8	24	25	27	37	45	34	29	34	44	27	10	3	-	-
14	10	6	14	8	11	16	19	13	12	14	16	3	1	1	-	-
15	4	2	10	17	16	21	26	21	17	20	28	24	9	2	-	-
16	55	61	83	68	88	106	117	108	124	90	58	38	8	5	-	-
17	25	32	39	37	47	65	59	49	52	40	23	10	3	-	-	-
18	30	29	44	31	41	41	58	59	72	50	35	28	5	5	-	-
19	32	28	29	27	41	34	33	25	57	79	47	8	4	1	-	-
20	19	19	21	13	25	23	14	13	40	62	37	7	1	-	-	-
21	13	9	8	14	16	11	19	12	17	17	10	1	3	1	-	-
22	15	22	12	24	22	18	11	13	11	11	9	4	4	1	-	-
23	8	14	7	18	14	13	7	6	3	4	6	2	1	-	-	-
24	7	8	5	6	8	5	4	7	8	7	3	2	3	1	-	-
25	15	15	14	18	20	20	24	41	22	30	23	12	4	2	1	-
26	7	8	8	9	8	9	11	23	9	9	7	7	1	1	-	-
27	8	7	6	9	12	11	13	18	13	21	14	5	3	1	1	-
28	65	64	75	77	100	74	103	103	92	72	54	20	8	3	-	1
29	29	31	31	33	46	43	48	60	49	30	23	9	2	1	-	-
30	36	33	44	44	54	31	55	43	43	42	31	11	6	2	-	1
31	27	16	17	26	25	27	31	30	34	29	14	8	3	1	-	-
32	18	7	4	9	17	16	18	22	18	9	9	4	1	-	-	-
33	9	9	13	17	8	11	13	8	16	20	5	4	2	1	-	-
34	9	10	13	14	9	15	16	20	20	30	17	12	2	-	1	-
35	3	5	6	6	6	8	9	7	11	13	4	6	-	-	1	-
36	6	5	7	8	7	7	7	13	9	17	13	6	2	-	-	-
37	13	13	20	10	14	12	19	20	13	11	3	2	2	-	-	-
38	7	7	11	7	9	7	11	11	10	7	3	1	1	-	-	-
39	6	6	9	3	5	5	8	9	3	4	-	1	1	-	-	-
40	9	18	5	6	12	20	21	32	28	23	19	13	4	-	1	2
41	8	8	4	2	7	6	11	20	12	12	9	8	2	-	-	-
42	1	10	1	4	5	14	10	12	16	11	10	5	2	-	1	-
43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
44	28	43	28	38	52	44	51	44	41	40	36	16	6	-	-	-
45	12	23	10	13	23	20	28	19	14	18	12	6	3	-	-	-
46	16	20	18	25	29	24	23	25	27	22	24	10	3	-	-	-
47	39	38	34	45	50	45	50	48	40	46	28	7	2	1	1	-
48	18	20	18	24	24	22	24	30	18	27	11	2	-	-	-	-
49	21	18	16	21	26	23	26	18	22	19	17	5	2	1	1	-
50	56	62	67	67	54	64	75	85	71	56	49	14	7	1	-	-
51	34	42	41	30	31	35	38	51	26	22	22	6	3	-	-	-
52	22	20	26	37	23	29	37	34	45	34	27	8	4	1	-	-

Line No.	Table 36 MUNICIPALITIES AND SEX.	DEATHS, BY SEX AND AGE, <sup>1</sup> IN MUNICIPALITIES											
		All ages.	Under 5 years.	Under 1 year.	1 year.	2 years.	3 years.	4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.
1	LEOMINSTER.	234	55	38	8	5	2	2	3	6	8	7	10
2	Males, . . . . .	121	32	19	6	3	2	2	1	3	3	2	7
3	Females, . . . . .	113	23	19	2	2	—	—	2	3	5	5	3
4	LOWELL.	1,708	515	378	58	32	26	21	48	23	35	49	62
5	Males, . . . . .	833	308	228	35	16	18	11	24	12	14	19	20
6	Females, . . . . .	875	207	150	23	16	8	10	24	11	21	30	42
7	LYNN.	1,215	199	128	31	20	12	8	31	14	30	33	53
8	Males, . . . . .	601	114	78	16	13	2	5	18	9	9	12	21
9	Females, . . . . .	614	85	50	15	7	10	3	13	5	21	21	32
10	MALDEN.	566	108	72	18	10	5	3	14	11	13	16	25
11	Males, . . . . .	283	74	54	8	7	4	1	8	7	8	2	14
12	Females, . . . . .	283	34	18	10	3	1	2	6	4	5	14	11
13	MARLBOROUGH.	190	31	24	3	3	1	—	3	—	3	1	7
14	Males, . . . . .	100	18	15	1	1	1	—	1	—	—	—	2
15	Females, . . . . .	90	13	9	2	2	—	—	2	—	3	1	5
16	MEDFORD.	407	69	51	7	2	6	3	4	—	5	8	24
17	Males, . . . . .	162	39	29	4	1	4	1	1	—	—	2	4
18	Females, . . . . .	245	30	22	3	1	2	2	3	—	5	6	20
19	MELROSE.	215	26	22	3	—	1	—	3	2	5	6	6
20	Males, . . . . .	102	13	11	1	—	1	—	1	2	4	4	3
21	Females, . . . . .	113	13	11	2	—	—	—	2	—	1	2	3
22	METHUEN.	198	33	26	5	1	1	—	5	5	2	6	7
23	Males, . . . . .	80	19	14	3	1	1	—	1	3	—	—	4
24	Females, . . . . .	118	14	12	2	—	—	—	4	2	2	6	3
25	NEW BEDFORD.	1,626	579	414	84	39	25	17	38	16	39	40	78
26	Males, . . . . .	836	335	242	46	25	15	7	23	7	26	14	38
27	Females, . . . . .	790	244	172	38	14	10	10	15	9	13	26	40
28	NEWBURYPORT.	270	58	30	10	9	7	2	7	3	4	1	6
29	Males, . . . . .	139	27	12	5	6	3	1	3	3	2	—	4
30	Females, . . . . .	131	31	18	5	3	4	1	4	—	2	1	2
31	NEWTON.	495	71	56	5	5	3	2	11	4	11	12	11
32	Males, . . . . .	229	48	39	2	4	2	1	6	2	6	4	5
33	Females, . . . . .	266	23	17	3	1	1	1	5	2	5	8	6
34	NORTH ADAMS.	311	49	39	2	4	2	2	5	1	5	11	8
35	Males, . . . . .	149	25	23	—	1	—	1	3	—	3	4	5
36	Females, . . . . .	162	24	16	2	3	2	1	2	1	2	7	3
37	NORTHAMPTON.	419	41	29	6	1	3	2	6	4	9	11	28
38	Males, . . . . .	214	21	14	5	—	2	—	4	3	3	3	17
39	Females, . . . . .	205	20	15	1	1	1	2	2	1	6	8	11
40	PEABODY.	235	65	47	14	3	—	1	7	3	5	5	9
41	Males, . . . . .	141	47	37	7	2	—	1	2	3	1	2	5
42	Females, . . . . .	94	18	10	7	1	—	—	5	—	4	3	4
43	PITTSFIELD.	559	92	65	12	8	5	2	7	9	5	21	25
44	Males, . . . . .	286	53	38	6	3	4	2	2	6	1	6	17
45	Females, . . . . .	273	39	27	6	5	1	—	5	3	4	15	8
46	QUINCY.	453	97	69	11	3	9	5	13	9	15	13	15
47	Males, . . . . .	244	53	37	5	2	5	4	6	4	11	6	5
48	Females, . . . . .	209	44	32	6	1	4	1	7	5	4	7	10
49	REVERE.	216	57	40	6	5	2	4	3	8	9	10	5
50	Males, . . . . .	104	30	20	3	2	1	4	1	6	7	3	1
51	Females, . . . . .	112	27	20	3	3	1	—	2	2	2	7	4

<sup>1</sup> Age at last birthday.

HAVING OVER 15,000 INHABITANTS: 1919 — Con.

Line No.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 to 84 years.	85 to 89 years.	90 to 94 years.	95 to 99 years.	100 years and over.	Age unknown.
1	3	6	4	9	13	13	16	28	24	9	14	3	2	1	-	-
2	1	3	1	2	8	6	8	11	11	4	8	1	1	-	-	-
3	2	3	3	7	5	7	8	20	13	5	6	2	2	1	-	-
4	63	65	81	89	88	89	115	117	97	73	50	35	10	3	1	-
5	32	36	37	43	41	38	53	47	41	31	15	16	5	1	-	-
6	31	29	44	46	47	51	62	70	56	42	35	19	5	2	1	-
7	60	52	46	71	77	81	98	94	90	75	61	41	8	1	-	-
8	25	26	26	45	34	44	56	51	41	30	23	14	3	-	-	-
9	35	26	20	26	43	37	42	43	49	45	38	27	5	1	-	-
10	29	27	20	30	36	26	54	35	39	39	23	9	8	4	-	-
11	12	9	8	14	20	17	22	16	17	22	7	2	4	-	-	-
12	17	18	12	16	16	9	32	19	22	17	16	7	4	4	-	-
13	6	7	8	9	10	16	9	17	18	25	10	7	2	1	-	-
14	4	3	4	6	5	5	5	12	10	12	5	2	-	1	-	-
15	2	4	4	3	5	6	4	5	8	13	5	5	2	-	-	-
16	18	17	14	14	25	20	39	26	33	29	43	15	3	1	-	-
17	6	9	2	5	12	10	17	11	20	7	15	2	-	-	-	-
18	12	8	12	9	13	10	22	15	13	22	28	13	3	1	-	-
19	5	8	9	13	10	22	10	15	22	21	21	8	3	-	-	-
20	2	2	3	8	4	9	7	8	9	7	11	5	-	-	-	-
21	3	6	6	5	6	13	3	7	13	14	10	3	3	-	-	-
22	5	11	4	8	15	11	15	19	16	19	10	5	2	-	-	-
23	-	7	2	4	7	3	6	5	5	9	4	3	-	-	-	-
24	5	4	2	4	8	8	9	16	11	10	6	2	2	-	-	-
25	64	57	54	67	71	69	86	84	88	76	71	29	15	4	1	-
26	41	28	31	34	35	34	40	43	40	25	23	10	8	1	-	-
27	23	29	23	33	36	35	46	41	48	51	48	19	7	3	1	-
28	7	7	15	14	13	14	14	30	24	15	18	13	5	-	-	2
29	4	3	10	9	8	9	4	16	14	9	7	5	1	-	-	1
30	3	4	5	5	5	5	10	14	10	6	11	8	4	-	-	1
31	15	6	29	16	28	32	46	34	56	44	43	16	9	1	-	-
32	7	-	16	10	12	16	16	16	25	16	13	7	3	1	-	-
33	8	6	13	6	16	16	30	18	31	28	30	9	6	-	-	-
34	8	23	18	15	27	22	33	20	27	14	9	9	1	-	-	-
35	4	10	9	5	12	15	6	14	10	15	5	4	-	-	-	-
36	4	13	9	10	3	12	16	19	10	12	9	5	1	-	-	-
37	14	26	14	21	20	26	23	40	37	45	35	13	4	2	-	-
38	7	21	11	10	10	18	11	21	11	19	15	8	1	-	-	-
39	7	5	3	11	10	8	12	19	26	26	20	5	3	2	-	-
40	6	13	6	16	10	10	12	19	17	13	13	4	-	1	1	-
41	3	6	4	13	5	7	6	13	9	6	5	2	-	1	1	-
42	3	7	2	3	5	3	6	6	8	7	8	2	-	-	-	-
43	37	28	26	20	30	37	44	45	52	36	25	10	8	1	1	-
44	16	15	13	11	14	21	28	25	29	14	11	2	1	1	-	-
45	21	13	13	9	16	16	16	20	23	22	14	8	7	-	1	-
46	16	22	22	18	25	33	38	28	22	27	20	10	8	2	-	-
47	7	14	9	12	18	16	23	17	11	8	9	8	6	1	-	-
48	9	8	13	6	7	17	15	11	11	19	11	2	2	1	-	-
49	8	4	2	10	11	12	22	17	14	7	9	4	3	-	1	-
50	4	-	2	8	5	5	8	8	8	2	4	1	1	-	-	-
51	4	4	-	2	6	7	14	9	6	5	5	3	2	-	1	-

Line No.	Table 36 MUNICIPALITIES AND SEX.	DEATHS, BY SEX AND AGE, <sup>1</sup> IN MUNICIPALITIES											
		All ages.	Under 5 years.	Under 1 year.	1 year.	2 years.	3 years.	4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.
1	SALEM.	599	118	75	15	11	10	7	22	4	16	19	25
2	Males, . . . . .	299	68	45	9	5	6	3	13	3	7	6	16
3	Females, . . . . .	300	50	30	6	6	4	4	9	1	9	13	9
4	SOMERVILLE.	1,074	171	118	24	11	11	7	16	10	25	25	45
5	Males, . . . . .	501	91	60	15	6	4	6	9	5	9	11	20
6	Females, . . . . .	573	80	58	9	5	7	1	7	5	16	14	25
7	SPRINGFIELD.	1,751	383	275	52	27	16	13	42	18	39	53	98
8	Males, . . . . .	874	215	156	30	16	9	4	25	7	26	20	53
9	Females, . . . . .	875	168	119	22	11	7	9	17	11	13	33	45
10	Unknown, . . . . .	2	-	-	-	-	-	-	-	-	-	-	-
11	TAUNTON.	760	169	115	28	16	5	5	13	10	15	18	19
12	Males, . . . . .	391	103	68	17	11	4	3	8	3	8	9	13
13	Females, . . . . .	369	66	47	11	5	1	2	5	7	7	9	6
14	WALTHAM.	359	56	40	7	6	2	1	22	10	9	11	19
15	Males, . . . . .	185	32	22	4	4	2	-	16	7	7	5	13
16	Females, . . . . .	173	23	17	3	2	-	1	6	3	2	6	6
17	Unknown, . . . . .	1	1	1	-	-	-	-	-	-	-	-	-
18	WATERTOWN (TOWN).	158	41	34	3	2	2	-	3	1	2	5	8
19	Males, . . . . .	69	22	20	2	-	-	-	1	-	1	4	2
20	Females, . . . . .	89	19	14	1	2	2	-	2	1	1	1	6
21	WESTFIELD (TOWN).	278	64	44	8	6	3	3	11	9	11	15	20
22	Males, . . . . .	148	39	27	4	3	3	2	8	4	6	7	15
23	Females, . . . . .	130	25	17	4	3	-	1	3	5	5	8	5
24	WOBURN.	205	33	26	1	4	2	-	3	1	5	4	12
25	Males, . . . . .	101	18	15	-	2	1	-	1	-	4	1	8
26	Females, . . . . .	104	15	11	1	2	1	-	2	1	1	3	4
27	WORCESTER.	2,638	616	426	100	44	27	19	48	31	51	74	109
28	Males, . . . . .	1,309	335	243	53	19	13	7	25	14	26	34	50
29	Females, . . . . .	1,329	281	183	47	25	14	12	23	17	25	40	59

<sup>1</sup> Age at last birthday.



HAVING OVER 15,000 INHABITANTS: 1919 — Con.

Line No.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 to 84 years.	85 to 89 years.	90 to 94 years.	95 to 99 years.	100 years and over.	Age unknown.
1	24	17	21	29	37	36	42	33	41	51	34	16	12	1	1	-
2	12	12	14	15	16	18	19	14	16	25	17	6	2	-	-	-
3	12	5	7	14	21	18	23	19	25	26	17	10	10	1	1	-
4	32	37	39	44	56	67	78	107	119	90	66	34	11	2	-	-
5	13	19	18	26	27	39	31	50	54	44	23	6	5	1	-	-
6	19	18	21	18	29	28	47	57	65	46	43	28	6	1	-	-
7	102	71	95	92	105	105	102	124	106	102	56	39	14	3	-	2
8	46	30	51	49	51	51	50	60	50	42	26	14	8	-	-	-
9	56	41	44	43	54	54	52	64	56	60	30	25	6	3	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
11	32	28	36	36	45	45	49	59	71	55	35	14	8	2	-	1
12	19	11	13	19	23	27	27	30	34	23	13	5	2	-	-	-
13	13	17	23	17	22	18	22	29	37	32	22	9	6	2	-	1
14	11	14	16	14	21	30	17	20	31	18	14	16	8	2	-	1
15	4	9	7	7	8	15	9	9	14	5	9	6	3	-	-	-
16	7	5	9	7	13	15	8	11	17	13	5	10	5	2	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
18	7	4	6	5	14	6	12	11	9	5	14	4	1	-	-	-
19	1	2	3	1	8	5	5	5	2	3	2	2	-	-	-	-
20	6	2	3	4	6	1	7	6	7	2	12	2	1	-	-	-
21	19	7	11	10	11	5	11	14	14	16	18	10	1	1	-	-
22	8	3	7	7	6	2	6	8	6	8	5	3	-	-	-	-
23	11	4	4	3	5	3	5	6	8	8	13	7	1	1	-	-
24	9	9	10	8	7	15	19	13	11	18	15	10	3	-	-	-
25	5	4	5	3	3	8	11	6	7	9	6	1	1	-	-	-
26	4	5	5	5	4	7	8	7	4	9	9	9	2	-	-	-
27	103	131	121	142	129	160	206	175	180	148	119	65	21	6	3	-
28	54	74	60	73	67	87	104	73	84	67	49	19	10	3	1	-
29	49	57	61	69	62	73	102	102	96	81	70	46	11	3	2	-

Table 37

YEARS.	POPULATION, DEATHS, <sup>1</sup> AND DEATH RATES, PER 1,000 POPULATION: 1851 TO 1919.			YEARS.	POPULATION, DEATHS, <sup>1</sup> AND DEATH RATES, PER 1,000 POPULATION: 1851 TO 1919.		
	Popula- tion.	Deaths.	Death rates.		Popula- tion.	Deaths.	Death rates.
1851, . . . .	1,020,674	18,934	18.6	1886, . . . .	1,998,174	37,224	18.6
1852, . . . .	1,047,518	18,482	17.6	1887, . . . .	2,055,821	40,763	19.8
1853, . . . .	1,075,063	20,301	18.9	1888, . . . .	2,115,131	42,097	19.9
1854, . . . .	1,103,341	21,414	19.4	1889, . . . .	2,176,153	41,777	19.2
1855, . . . .	1,132,369	20,798	18.4	1890, . . . .	2,238,943	43,528	19.4
1856, . . . .	1,151,455	20,734	18.0	1891, . . . .	2,288,911	45,185	19.7
1857, . . . .	1,170,855	21,280	18.2	1892, . . . .	2,339,994	48,762	20.9
1858, . . . .	1,190,583	20,776	17.5	1893, . . . .	2,392,217	49,084	20.5
1859, . . . .	1,210,645	20,976	17.3	1894, . . . .	2,445,605	46,791	19.1
1860, . . . .	1,231,066	23,068	18.7	1895, . . . .	2,500,183	47,540	19.0
1861, . . . .	1,238,176	24,085	19.5	1896, . . . .	2,558,437	49,381	19.3
1862, . . . .	1,245,326	22,974	18.5	1897, . . . .	2,618,048	47,419	18.1
1863, . . . .	1,252,517	27,751	22.2	1898, . . . .	2,679,048	46,761	17.5
1864, . . . .	1,259,750	28,753	22.8	1899, . . . .	2,741,470	47,710	17.4
1865, . . . .	1,267,031	26,152	20.6	1900, . . . .	2,805,346	51,156	18.2
1866, . . . .	1,302,995	23,637	18.2	1901, . . . .	2,849,047	48,275	16.9
1867, . . . .	1,339,979	22,773	17.0	1902, . . . .	2,889,386	47,491	16.4
1868, . . . .	1,378,012	25,603	18.6	1903, . . . .	2,929,725	49,054	16.7
1869, . . . .	1,417,124	26,054	18.4	1904, . . . .	2,970,064	48,482	16.3
1870, . . . .	1,457,351	27,329	18.8	1905, . . . .	3,015,872	50,486	16.7
1871, . . . .	1,494,337	27,943	18.7	1906, . . . .	3,089,029	50,624	16.4
1872, . . . .	1,532,260	35,019	22.9	1907, . . . .	3,162,186	54,234	17.2
1873, . . . .	1,571,142	33,912	21.6	1908, . . . .	3,235,343	51,788	16.0
1874, . . . .	1,611,016	31,887	18.6	1909, . . . .	3,308,500	51,236	15.5
1875, . . . .	1,651,912	34,978	21.7	1910, . . . .	3,380,151	54,407	16.1
1876, . . . .	1,677,351	33,186	19.8	1911, . . . .	3,446,079	53,062	15.4
1877, . . . .	1,703,182	31,342	18.4	1912, . . . .	3,512,007	52,400	14.9
1878, . . . .	1,729,412	31,303	18.1	1913, . . . .	3,577,935	53,402	14.9
1879, . . . .	1,756,043	31,801	18.1	1914, . . . .	3,643,863	52,978	14.5
1880, . . . .	1,783,085	35,292	19.8	1915, . . . .	3,693,310	53,131	14.4
1881, . . . .	1,813,818	36,458	20.1	1916, . . . .	3,775,720	56,366	14.9
1882, . . . .	1,845,086	36,785	19.9	1917, . . . .	3,841,648	56,628	14.7
1883, . . . .	1,876,895	37,748	20.1	1918, . . . .	3,907,576	78,842	20.2
1884, . . . .	1,909,810	36,990	19.0	1919, . . . .	3,835,614	52,345	13.6
1885, . . . .	1,942,141	38,094	19.6				

<sup>1</sup> Exclusive of stillbirths.

Table 38

MORTALITY<sup>1</sup> OF MALES AND FEMALES: 1860 TO 1919.

YEARS.	DEATHS.		Deaths of males to 1,000 deaths of females.	DEATH RATES <sup>2</sup> PER 1,000 POPULATION.		
	Males.	Females.		Males.	Females.	Excess of male rate.
1860.	11,444	11,547	999	19.3	18.4	.9
1862-65 (four years of war), .	54,407	50,994	1,067	-	-	-
1865.	13,085	13,024	1,005	21.7	19.6	2.1
1866.	11,601	12,003	966	-	-	-
1867.	11,359	11,369	998	-	-	-
1868.	12,871	12,695	1,014	-	-	-
1869.	12,777	13,231	966	-	-	-
1870.	13,699	13,598	1,007	19.5	18.6	.9
1871.	13,985	13,931	1,004	-	-	-
1872.	17,717	17,256	1,027	-	-	-
1873.	17,242	16,642	1,036	-	-	-
1874.	15,912	15,939	999	-	-	-
1875.	17,329	17,619	984	21.8	20.5	1.3
1876.	16,485	16,669	988	-	-	-
1877.	15,427	15,894	971	-	-	-
1878.	15,284	15,986	956	-	-	-
1879.	15,628	16,142	968	-	-	-
1880.	17,426	17,852	976	20.3	19.3	1.0
1881.	18,147	18,296	992	-	-	-
1882.	18,360	18,418	996	-	-	-
1883.	18,840	18,904	996	-	-	-
1884.	18,418	18,567	992	-	-	-
1885.	18,889	19,205	984	20.2	19.0	1.2
1886.	18,585	18,659	996	-	-	-
1887.	20,329	20,434	995	-	-	-
1888.	21,234	20,863	1,018	-	-	-
1889.	20,978	20,799	1,009	-	-	-
1890.	21,767	21,761	1,000	20.0	18.9	1.1
1891.	22,672	22,513	1,007	-	-	-
1892.	24,643	24,119	1,022	-	-	-
1893.	24,899	24,185	1,029	-	-	-
1894.	23,788	23,003	1,034	-	-	-
1895.	24,175	23,365	1,035	19.9	18.2	1.7
1896.	25,140	24,241	1,037	-	-	-
1897.	24,004	23,415	1,025	-	-	-
1898.	24,082	22,679	1,062	-	-	-
1899.	24,304	23,406	1,038	-	-	-
1900.	25,934	25,222	1,028	18.9	17.5	1.4
1901.	24,858	23,417	1,061	-	-	-
1902.	24,199	23,292	1,039	-	-	-
1903.	25,157	23,897	1,050	-	-	-
1904.	24,726	23,756	1,040	-	-	-
1905.	25,996	24,490	1,061	17.8	15.9	1.9
1906.	26,150	24,434	1,072	-	-	-
1907.	28,023	26,211	1,069	-	-	-
1908.	26,772	25,016	1,070	-	-	-
1909.	26,320	24,916	1,056	-	-	-
1910.	28,259	26,148	1,081	17.1	15.3	1.8
1911.	27,526	25,536	1,078	-	-	-
1912.	27,027	25,373	1,065	-	-	-
1913.	28,039	25,363	1,106	-	-	-
1914.	27,569	25,409	1,085	-	-	-
1915.	27,335	25,792	1,060	15.1	13.7	1.4
1916.	29,536	26,823	1,101	15.9	14.0	1.9
1917.	29,622	27,005	1,097	15.7	13.8	1.9
1918.	41,670	37,163	1,121	21.7	18.7	3.0
1919.	26,407	25,930	1,018	14.0	13.3	.7

<sup>1</sup> Exclusive of stillbirths.<sup>2</sup> Rates are calculated on census population, except for the years 1916, 1917, 1918, and 1919, for which the estimated population is used.

Table 39

DEATHS<sup>1</sup> AT SPECIFIED AGES: CENSUS YEARS 1875 TO 1915.

AGE PERIODS.	1915.	1910.	1905.	1900.	1895.	1890.	1885.	1880.	1875.
<b>All Ages.</b>	<b>53,131</b>	<b>54,407</b>	<b>50,486</b>	<b>51,156</b>	<b>47,540</b>	<b>43,528</b>	<b>38,094</b>	<b>35,292</b>	<b>34,978</b>
Under 5 years, .	12,891	15,433	14,055	16,310	15,202	13,870	11,956	12,213	12,823
Under 1 year, .	9,490	11,499	10,519	11,500	10,564	9,625	7,626	7,190	7,712
5 to 9 years, .	1,026	1,091	1,017	1,347	1,397	1,282	1,358	1,463	1,603
10 to 14 years, .	648	678	734	673	646	697	667	611	706
15 to 19 years, .	984	1,002	1,050	1,146	1,207	1,361	1,190	1,104	1,297
20 to 29 years, .	3,234	3,329	3,562	3,904	4,101	3,931	3,492	3,269	3,245
30 to 39 years, .	3,823	4,102	4,149	4,034	4,873	3,552	3,062	721	2,743
40 to 49 years, .	4,825	4,615	4,139	3,896	3,578	3,396	2,889	2,384	2,361
50 to 59 years, .	6,058	5,501	5,174	4,692	4,080	3,642	3,090	2,538	2,336
60 to 69 years, .	7,323	7,168	6,346	5,687	4,933	4,286	3,678	3,104	2,760
70 to 79 years, .	7,613	6,977	6,106	5,608	5,028	4,247	3,750	3,243	2,959
80 years and over, .	4,667	4,471	4,101	3,837	3,418	3,115	2,829	2,489	1,966
Age unknown, .	39	40	53	22	77	149	133	1,513	189
DEATH RATES PER 1,000 POPULATION AT SPECIFIED AGES.									
<b>All Ages.</b>	<b>14.4</b>	<b>16.2</b>	<b>16.8</b>	<b>18.2</b>	<b>19.0</b>	<b>19.4</b>	<b>19.6</b>	<b>19.8</b>	<b>21.2</b>
Under 5 years, .	35.5	46.9	53.6	57.8	64.5	68.1	67.0	68.1	74.0
Under 1 year, .	126.1	162.6	208.0	190.1	215.9	223.6	212.5	191.3	226.6
5 to 9 years, .	3.1	3.7	3.7	5.3	6.2	6.6	7.5	8.5	9.8
10 to 14 years, .	2.1	2.4	2.8	2.9	3.2	3.6	3.8	3.8	4.7
15 to 19 years, .	3.1	3.4	4.0	4.8	5.3	6.3	6.4	6.6	7.7
20 to 29 years, .	4.6	5.2	6.3	7.0	7.1	8.4	9.1	9.5	10.5
30 to 39 years, .	6.5	7.4	8.2	8.8	9.7	10.4	10.6	10.3	11.3
40 to 49 years, .	10.3	11.0	11.2	12.0	12.7	13.4	13.0	11.7	13.0
50 to 59 years, .	19.1	19.9	21.4	21.3	20.5	20.4	19.7	17.9	18.3
60 to 69 years, .	40.5	43.1	41.1	41.0	39.4	37.5	36.2	33.9	34.8
70 to 79 years, .	87.1	79.2	83.2	85.8	82.4	76.0	76.2	73.1	71.1
80 years and over, .	177.5	191.3	179.6	197.8	184.7	174.2	182.3	184.0	176.4

<sup>1</sup> Exclusive of stillbirths.

Table 40	YEARS.	PER CENT OF DEATHS <sup>1</sup> AT SPECIFIED AGES — BOTH SEXES.				YEARS.	PER CENT OF DEATHS <sup>1</sup> AT SPECIFIED AGES — BOTH SEXES.			
		Under 1 year.	Under 5 years.	20 to 29 years.	All others.		Under 1 year.	Under 5 years.	20 to 29 years.	All others.
1872, . . . .	24.0	38.7	10.8	50.5	1897, . . . .	22.7	32.3	8.4	59.3	
1873, . . . .	23.3	36.5	10.5	53.0	1898, . . . .	23.3	31.8	8.6	59.6	
1874, . . . .	23.5	36.6	9.9	53.5	1899, . . . .	22.1	31.1	7.9	61.0	
1875, . . . .	22.1	36.8	9.3	53.9	1900, . . . .	22.5	31.9	7.6	60.5	
1876, . . . .	20.2	36.2	9.1	54.7	1901, . . . .	20.6	28.9	7.8	63.3	
1877, . . . .	20.2	35.6	9.5	54.9	1902, . . . .	21.2	30.0	7.6	62.3	
1878, . . . .	19.7	34.5	9.0	56.5	1903, . . . .	20.9	29.2	7.1	63.7	
1879, . . . .	18.4	31.9	9.3	58.8	1904, . . . .	20.6	27.4	7.4	65.2	
1880, . . . .	20.3	34.6	9.3	56.1	1905, . . . .	20.8	27.8	7.1	65.1	
1881, . . . .	20.2	32.8	10.0	57.2	1906, . . . .	21.9	29.7	6.5	63.8	
1882, . . . .	20.2	31.2	10.2	58.6	1907, . . . .	20.8	27.5	6.6	66.0	
1883, . . . .	19.9	31.4	10.0	58.6	1908, . . . .	22.4	28.3	6.3	65.4	
1884, . . . .	20.9	32.3	9.6	58.1	1909, . . . .	20.9	27.9	6.1	66.0	
1885, . . . .	20.0	31.4	9.2	59.4	1910, . . . .	21.1	28.4	6.1	65.5	
1886, . . . .	21.1	31.6	9.5	58.9	1911, . . . .	19.9	26.4	6.1	67.5	
1887, . . . .	20.9	32.3	9.5	58.2	1912, . . . .	20.0	26.3	6.0	67.6	
1888, . . . .	21.1	32.1	9.5	58.4	1913, . . . .	18.9	25.8	6.0	68.2	
1889, . . . .	21.8	32.7	9.3	58.1	1914, . . . .	18.7	24.6	6.0	69.4	
1890, . . . .	22.1	31.9	9.0	59.1	1915, . . . .	17.9	24.3	6.1	69.7	
1891, . . . .	22.5	31.6	8.5	60.0	1916, . . . .	16.6	23.2	5.8	71.0	
1892, . . . .	21.8	31.2	9.0	59.8	1917, . . . .	16.5	22.5	5.9	71.6	
1893, . . . .	22.4	32.5	8.8	58.7	1918, . . . .	13.7	21.0	13.7	65.3	
1894, . . . .	23.3	33.6	8.5	57.9	1919, . . . .	14.8	20.7	7.3	72.0	
1895, . . . .	22.2	32.0	8.6	59.4						
1896, . . . .	23.8	33.7	8.3	57.9						

<sup>1</sup> Exclusive of stillbirths.

Table 41	AGE PERIODS.	MALE DEATHS PER 1,000 FEMALE DEATHS AT SPECIFIED AGES.				AGE PERIODS.	MALE DEATHS PER 1,000 FEMALE DEATHS AT SPECIFIED AGES.			
		1919.	1918.	1917.	1916.		1919.	1918.	1917.	1916.
All Ages.		1,018	1,121	1,097	1,101	40 to 44 years, . .	1,109	1,323	1,360	1,334
Under 1 year, . .		1,303	1,303	1,332	1,316	45 to 49 years, . .	1,149	1,302	1,389	1,227
1 year, . . . .		1,123	1,101	1,264	1,130	50 to 54 years, . .	1,126	1,154	1,224	1,384
2 years, . . . .		1,239	975	1,000	1,164	55 to 59 years, . .	1,175	1,206	1,153	1,291
3 years, . . . .		1,265	1,138	1,119	1,066	60 to 64 years, . .	1,017	1,159	1,087	1,119
4 years, . . . .		1,039	1,093	1,117	1,148	65 to 69 years, . .	1,005	1,043	1,064	1,051
5 to 9 years, . .		1,227	1,132	1,192	1,189	70 to 74 years, . .	923	954	938	986
10 to 14 years, .		1,173	914	1,212	1,213	75 to 79 years, . .	805	851	857	795
15 to 19 years, .		1,137	1,090	1,088	1,071	80 to 84 years, . .	675	760	741	700
20 to 24 years, .		794	1,085	1,022	1,123	85 to 89 years, . .	643	640	619	689
25 to 29 years, .		888	1,105	1,188	1,141	90 to 94 years, . .	537	523	499	446
30 to 34 years, .		1,006	1,321	1,187	1,171	95 to 99 years, . .	457	453	364	523
35 to 39 years, .		1,122	1,358	1,233	1,206	100 years and over, .	312	500	526	692

Table 42

DEATHS<sup>1</sup> OF MALES AND FEMALES AT SPECIFIED AGES: 1910 TO 1919.

AGE PERIODS AND YEARS.		BOTH SEXES.		MALES.		FEMALES.		Female deaths per 1,000 male deaths.
		Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.	
ALL AGES.								
1910.		54,407	100.0	28,259	100.0	26,148	100.0	925
1911.		53,062	100.0	27,526	100.0	25,536	100.0	928
1912.		52,400	100.0	27,027	100.0	25,373	100.0	939
1913.		53,402	100.0	28,039	100.0	25,363	100.0	905
1914.		52,978	100.0	27,569	100.0	25,409	100.0	922
1915.		53,131 <sup>2</sup>	100.0	27,335	100.0	25,792	100.0	943
1916.		56,366 <sup>3</sup>	100.0	29,536	100.0	26,823	100.0	908
1917.		56,628 <sup>4</sup>	100.0	29,622	100.0	27,005	100.0	912
1918.		78,842 <sup>5</sup>	100.0	41,670	100.0	37,163	100.0	892
1919.		52,345 <sup>6</sup>	100.0	26,407	100.0	25,930	100.0	982
UNDER 1 YEAR.								
1910.		11,499	21.1	6,458	22.9	5,041	19.3	781
1911.		10,543	19.1	5,915	21.5	4,628	18.1	782
1912.		10,472	20.0	5,855	21.7	4,617	18.2	788
1913.		10,086	18.9	5,786	20.6	4,300	17.0	743
1914.		9,894	18.7	5,580	20.2	4,314	16.9	773
1915.		9,490 <sup>7</sup>	17.9	5,334	19.5	4,153	16.1	779
1916.		9,334	16.6	5,303	18.0	4,031	15.0	760
1917.		9,325	16.5	5,326	18.0	3,999	14.8	751
1918.		10,820 <sup>8</sup>	13.7	6,120	14.7	4,698	12.6	768
1919.		7,769 <sup>9</sup>	14.8	4,395	16.6	3,373	13.0	767
UNDER 5 YEARS.								
1910.		15,433	28.4	8,585	30.4	6,848	26.2	798
1911.		13,990	26.4	7,726	28.1	6,264	24.5	811
1912.		13,805	26.3	7,611	28.2	6,194	24.4	813
1913.		13,773	25.8	7,720	27.5	6,053	23.9	784
1914.		13,025	24.6	7,213	26.2	5,812	22.9	806
1915.		12,891 <sup>7</sup>	24.3	7,096	26.0	5,792	22.5	816
1916.		13,099	23.2	7,300	24.7	5,799	21.6	794
1917.		12,728	22.5	7,157	24.2	5,571	20.6	778
1918.		16,548 <sup>8</sup>	21.0	9,089	21.8	7,457	20.0	820
1919.		10,813 <sup>9</sup>	20.7	6,031	22.8	4,781	18.4	793
20 TO 29 YEARS.								
1910.		3,329	6.1	1,762	6.2	1,567	6.0	889
1911.		3,263	6.2	1,706	6.2	1,557	6.1	913
1912.		3,157	6.0	1,615	6.0	1,542	6.1	955
1913.		3,211	6.0	1,711	6.1	1,500	5.9	876
1914.		3,169	6.0	1,660	6.0	1,509	5.9	909
1915.		3,234	6.1	1,685	6.2	1,549	6.0	919
1916.		3,265	5.8	1,734	5.9	1,531	5.7	883
1917.		3,347	5.9	1,760	5.9	1,587	5.9	902
1918.		10,816	13.7	5,657	13.6	5,159	13.9	912
1919.		3,797	7.3	1,741	6.6	2,056	8.0	1,181
ALL OTHER AGES.								
1910.		35,645	65.5	17,912	63.4	17,733	67.8	990
1911.		35,809	67.5	18,094	65.7	17,715	69.4	979
1912.		35,438	67.6	17,801	65.9	17,637	69.5	991
1913.		36,418	68.2	18,608	66.4	17,810	70.2	957
1914.		36,784	69.4	18,696	67.8	18,088	71.2	967
1915.		37,006 <sup>9</sup>	69.7	18,554	67.9	18,451	71.6	994
1916.		40,002 <sup>3</sup>	71.0	20,502	69.4	19,493	72.7	951
1917.		40,553 <sup>4</sup>	71.6	20,705	69.9	19,847	73.5	959
1918.		51,478 <sup>5</sup>	65.3	26,924	64.6	24,547	66.1	912
1919.		37,735 <sup>10</sup>	72.0	18,635	70.6	19,093	73.6	1,024

<sup>1</sup> Exclusive of stillbirths.<sup>2</sup> Includes 4 deaths, sex not reported.<sup>3</sup> Includes 7 deaths, sex and age not reported.<sup>4</sup> Includes 1 death, sex and age not reported.<sup>5</sup> Includes 9 deaths, sex not reported.<sup>6</sup> Includes 8 deaths, sex not reported.<sup>7</sup> Includes 3 deaths, sex not reported.<sup>8</sup> Includes 2 deaths, sex not reported.<sup>9</sup> Includes 1 death, sex not reported.<sup>10</sup> Includes 7 deaths, sex not reported.



Table 43

DEATHS OF PERSONS 100 YEARS OF AGE AND OVER: 1919.

AGE AT DEATH.		Sex.	Place of death.	Place of birth.	Marital condition.	Date of death.	Name (and maiden name of married and widowed women).
Yrs.	Mos.						
113	-	F.	New Bedford,	St. George, Azores,	Widow, .	Sept. 8	Rosa Josepha (m. n. not given).
107	5	F.	Everett, .	Virginia, . .	Widow, .	Sept.16	Cornelia Bolling (m. n. not given).
105	-	M.	Worcester, .	Russia, . .	Married,	July 7	Barnard Cotton.
104	-	F.	Dunstable, .	Hookset, N. H., .	Widow, .	Feb. 4	Laura Ann (Davis), m. n. Rowell.
104	-	F.	Holyoke, .	Ireland, . .	Widow, .	Mar.16	Margaret Scanlon (m. n. not given).
103	-	M.	Peabody, .	Greece, . .	Married,	Sept.15	Athanasios D. Liacos.
103	-	F.	Boston, . .	Dinwiddie County, Va.	Widow, .	Sept. 4	Mary A. B. Harris (m. n. not given).
102	4	F.	Gloucester, .	Salem, . .	Widow, .	Dec.12	Nancy Derby Babson, m. n. Derby.
102	1	F.	Salem, . .	Ireland, . .	Widow, .	Mar. 3	Thomasina Arnold, m. n. Byrne.
102	-	F.	Lowell, . .	Russia, . .	Married,	Mar.12	Sophie Maskavitz, m. n. Maskavitz.
101	6	F.	Worcester, .	Thompson, Conn.,	Single, .	Sept.15	Lucinda Towne.
101	3	F.	Revere, . .	England, . .	Widow, .	Mar.11	Caroline Goss (m. n. not given).
101	1	F.	Worcester, .	Hubbardston, .	Widow, .	Nov.30	Lydia Childs, m. n. Underwood.
101	1	F.	Plainville, .	Wrentham, . .	Widow, .	Dec.31	Harriet Shepard Kingsbury, m. n. Merrifield.
100	11	M.	Framingham,	Nova Scotia, .	Single, .	May 30	Joseph O. Rogers.
100	9	F.	South Hadley,	West Springfield,	Widow, .	Nov.10	Ruth H. Parsons, m. n. Barker.
100	7	M.	New Marlborough.	New Marlborough,	Widower,	Sept.22	William B. Gibson.
100	6	F.	Boston, . .	Boston, . .	Single, .	Jan. 9	Elizabeth B. Thompson.
100	4	F.	Yarmouth, .	Nantucket, . .	Widow, .	Apr.12	Sarah Sears, m. n. Burdett.
100	-	F.	Pittsfield, .	Ireland, . .	Widow, .	Mar.29	Mary Mooney, m. n. Galligar.
100	-	M.	Bridgewater, .	Scotland, . .	Widower,	Nov.18	Thomas McNab.

Table 44

## DEATHS OF PERSONS 100 YEARS OF AGE AND OVER: 1881 TO 1919.

YEARS.	Total.	SEX.		NATIVITY.			MARITAL CONDITION.				Age of oldest decedent.
		Males.	Fe-males.	Native.	For-eign.	Un-known.	Single.	Mar-ried.	Wid-owed.	Un-known.	
1881-1919.	714	203	511	324	383	7	50	-	-	5	124
1881, . . . . .	21	6	15	8	10	3	1	20	- <sup>1</sup>	-	109
1882, . . . . .	27	8	19	15	12	-	2	23	- <sup>1</sup>	2	111
1883, . . . . .	20	4	16	5	15	-	2	18	- <sup>1</sup>	-	112
1884, . . . . .	9	1	8	4	5	-	2	7	- <sup>1</sup>	-	105
1885, . . . . .	16	5	11	7	9	-	2	14	- <sup>1</sup>	-	110
1886, . . . . .	21	5	16	9	12	-	1	20	- <sup>1</sup>	-	113
1887, . . . . .	17	2	15	8	9	-	1	15	- <sup>1</sup>	1	111
1888, . . . . .	26	7	19	12	14	-	2	23	- <sup>1</sup>	1	118
1889, . . . . .	21	7	14	6	15	-	1	20	- <sup>1</sup>	-	105
1890, . . . . .	25	5	20	11	14	-	-	24	- <sup>1</sup>	1	107
1891, . . . . .	25	8	17	6	19	-	1	4	20	-	110
1892, . . . . .	13	4	9	3	10	-	-	4	9	-	107
1893, . . . . .	18	7	11	8	10	-	2	3	13	-	107
1894, . . . . .	12	1	11	7	4	1	3	-	9	-	105
1895, . . . . .	15	4	11	4	10	1	1	2	12	-	107
1896, . . . . .	11	1	10	6	4	1	-	-	11	-	109
1897, . . . . .	19	4	15	7	12	-	2	3	14	-	124
1898, . . . . .	17	5	12	10	7	-	1	1	15	-	102
1899, . . . . .	21	5	16	7	14	-	3	2	16	-	106
1900, . . . . .	19	4	15	10	9	-	-	2	17	-	110
1901, . . . . .	9	2	7	5	4	-	-	-	9	-	106
1902, . . . . .	20	7	13	10	10	-	1	1	18	-	111
1903, . . . . .	19	6	13	10	9	-	1	-	18	-	105
1904, . . . . .	24	6	18	15	9	-	4	1	19	-	105
1905, . . . . .	16	6	10	5	11	-	1	2	13	-	110
1906, . . . . .	21	7	14	11	10	-	3	-	18	-	107
1907, . . . . .	23	6	17	11	12	-	-	1	22	-	112
1908, . . . . .	22	8	14	10	12	-	2	-	20	-	106
1909, . . . . .	13	2	11	5	7	1	1	1	11	-	108
1910, . . . . .	23	9	14	12	11	-	3	2	18	-	106
1911, . . . . .	17	8	9	8	9	-	1	2	14	-	108
1912, . . . . .	21	6	15	12	9	-	-	-	21	-	112
1913, . . . . .	18	4	14	10	8	-	2	-	16	-	104
1914, . . . . .	20	4	16	7	13	-	-	-	20	-	113
1915, . . . . .	25	10	15	15	10	-	-	3	22	-	105
1916, . . . . .	21	9	12	10	11	-	-	1	20	-	111
1917, . . . . .	29	10	19	15	14	-	4	2	23	-	108
1918, . . . . .	21	7	14	9	12	-	3	-	18	-	112
1919, . . . . .	21	5	16	11	10	-	3	3	15	-	113

<sup>1</sup> Not tabulated.

Table 45

DEATHS BY SEX, AGE, AND MARITAL CONDITION: 1919.

[illegible]

Table 46

DEATHS,<sup>1</sup> IN COUNTIES AND IN CITIES HAVING OVER 50,000 INHABITANTS,  
BY MONTHS: 1919.

COUNTIES AND CITIES HAVING OVER 50,000 INHABITANTS IN 1915 (Grouped in order of population).	The year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
<b>The State.</b>	<b>52,345</b>	<b>7,154</b>	<b>5,210</b>	<b>5,226</b>	<b>4,685</b>	<b>4,211</b>	<b>3,544</b>	<b>3,610</b>	<b>3,474</b>	<b>3,398</b>	<b>3,674</b>	<b>3,716</b>	<b>4,443</b>
Average daily number of deaths, .	143.4	230.8	186.0	168.6	156.2	135.8	118.1	116.5	112.1	113.3	118.5	123.9	143.3
<b>COUNTIES.</b>													
Suffolk, .	12,715	1,935	1,247	1,258	1,160	1,016	834	835	777	813	892	914	1,034
Middlesex, .	10,005	1,406	953	998	866	809	678	670	694	677	720	709	825
Essex, .	6,429	866	637	656	553	523	435	418	436	439	474	452	540
Worcester, .	6,148	872	665	634	578	508	435	427	363	390	354	403	519
Bristol, .	5,106	635	537	499	449	399	335	377	348	328	387	382	430
Hampden, .	3,902	421	434	409	353	305	257	311	277	251	266	255	363
Norfolk, .	2,389	362	237	205	190	189	186	164	164	131	187	178	196
Plymouth, .	2,052	239	204	180	176	168	151	142	157	147	135	150	203
Berkshire, .	1,465	162	119	186	164	114	89	120	102	83	93	110	123
Hampshire, .	950	130	74	93	86	77	61	59	62	56	79	78	95
Franklin, .	601	71	52	58	57	48	40	43	38	36	51	43	64
Barnstable, .	449	45	40	44	43	46	33	34	35	34	28	31	36
Dukes, .	76	4	5	2	6	6	7	7	12	6	7	7	7
Nantucket, .	58	6	6	4	4	3	3	3	9	7	1	4	8
<b>CITIES OVER 100,000.</b>													
Boston, .	11,673	1,782	1,111	1,151	1,074	943	777	772	708	744	816	840	955
Worcester, .	2,638	374	282	288	239	199	185	200	145	160	147	181	238
Fall River, .	1,730	204	188	173	155	143	117	134	126	101	118	143	128
New Bedford, .	1,626	197	159	161	144	120	103	112	112	107	147	116	148
Cambridge, .	1,468	219	131	131	119	128	103	104	89	107	107	114	116
Lowell, .	1,708	232	168	162	150	147	105	112	149	112	130	106	135
Springfield, .	1,751	193	202	192	157	142	117	158	113	99	126	103	149
<b>CITIES 50,000 to 100,000.</b>													
Lynn, .	1,215	166	132	132	94	105	74	70	92	75	79	86	110
Lawrence, .	1,280	212	122	113	109	92	83	83	88	84	95	87	112
Somerville, .	1,074	166	125	108	84	90	73	63	61	55	71	85	93
Brockton, .	734	88	72	57	77	58	45	43	51	57	42	61	83
Holyoke, .	838	69	97	89	62	56	59	60	74	69	59	68	76

<sup>1</sup> Exclusive of stillbirths.

## B. INFANT MORTALITY.

Table 47	INFANT MORTALITY: 1851 TO 1919.				YEARS.	INFANT MORTALITY: 1851 TO 1919.			
	Live births.	DEATHS <sup>1</sup> UNDER 1 YEAR.				Live births.	DEATHS <sup>1</sup> UNDER 1 YEAR.		
		Num- ber.	Per 1,000 live births.	Per cent of total deaths.			Num- ber.	Per 1,000 live births.	Per cent of total deaths.
1851.	28,661	3,800	132.5	20.1	1886.	50,788	7,848	154.5	21.1
1852.	29,802	3,750	125.8	20.3	1887.	53,174	8,514	160.1	20.9
1853.	30,920	4,175	135.0	20.6	1888.	54,893	8,870	161.6	21.1
1854.	31,997	4,188	130.9	19.6	1889.	57,075	9,105	159.5	21.8
1855.	32,845	4,442	135.2	21.4	1890.	57,777	9,625	166.6	22.1
1856.	34,445	4,226	122.7	20.4	1891.	63,004	10,186	161.7	22.5
1857.	35,320	4,160	117.8	19.5	1892.	65,824	10,649	161.7	21.8
1858.	34,491	4,197	121.7	20.2	1893.	67,192	10,990	163.6	22.4
1859.	35,422	4,175	130.0	19.9	1894.	66,936	10,899	162.8	23.3
1860.	36,051	4,821	133.7	20.9	1895.	67,545	10,564	156.4	22.2
1861.	35,445	5,167	145.8	21.5	1896.	72,343	11,765	157.8	23.8
1862.	32,275	4,216	130.6	18.4	1897.	73,205	10,751	146.9	22.7
1863.	30,314	4,545	149.9	16.4	1898.	73,110	11,012	150.6	23.3
1864.	30,449	4,693	154.1	16.3	1899.	70,457	10,532	149.5	22.1
1865.	30,249	4,869	147.2	18.6	1900.	73,386	11,500	156.7	22.5
1866.	34,085	4,699	137.9	19.9	1901.	71,976	9,952	138.3	20.6
1867.	35,062	4,763	135.8	20.9	1902.	72,219	10,075	139.5	21.2
1868.	36,193	5,421	149.8	21.2	1903.	73,584	10,269	138.3	20.9
1869.	36,141	5,368	148.5	20.6	1904.	75,014	9,992	133.2	20.6
1870.	38,259	6,206	162.2	22.7	1905.	75,022	10,519	140.2	20.8
1871.	39,791	5,996	150.7	21.5	1906.	80,237	11,106	138.4	21.9
1872.	43,235	8,390	194.1	24.0	1907.	85,001	11,293	132.9	20.9
1873.	44,481	7,911	177.8	23.3	1908.	86,911	11,606	133.5	22.4
1874.	45,631	7,489	164.1	23.5	1909.	84,039	10,693	127.2	20.9
1875.	43,996	7,712	175.3	22.0	1910.	86,539	11,499	132.9	21.1
1876.	42,149	6,700	158.4	20.2	1911.	88,327	10,543	119.4	19.9
1877.	41,850	6,343	151.5	20.2	1912.	89,882	10,472	116.5	20.0
1878.	41,238	6,189	150.1	19.8	1913.	91,644	10,086	110.1	18.9
1879.	40,295	5,805	145.2	18.4	1914.	93,399	9,894	105.9	18.7
1880.	44,217	7,190	162.6	20.3	1915.	93,155	9,490	101.9	17.9
1881.	45,220	7,389	163.4	20.3	1916.	93,487	9,334	99.8	16.6
1882.	45,670	7,438	162.9	20.2	1917.	95,731	9,325	97.4	16.5
1883.	47,285	7,511	158.8	19.9	1918.	95,607	10,820	113.2	13.7
1884.	48,615	7,735	159.1	20.9	1919.	87,827	7,769	88.5	14.8
1885.	48,790	7,626	156.3	20.0					

<sup>1</sup> Exclusive of stillbirths.

Table 48

INFANT DEATHS<sup>1</sup> PER 1,000 LIVE BIRTHS IN MUNICIPALITIES  
HAVING OVER 15,000 INHABITANTS IN 1919: 1912 TO 1919.

MUNICIPALITIES (Grouped in order of population).								
	1919.	1918.	1917.	1916.	1915.	1914.	1913.	1912.
<b>The State.</b>	<b>88</b>	<b>113</b>	<b>97</b>	<b>100</b>	<b>102</b>	<b>106</b>	<b>110</b>	<b>117</b>
OVER 100,000.								
Boston, . . . . .	96	115	98	104	104	103	110	117
Worcester, . . . . .	93	97	95	100	93	105	105	133
Springfield, . . . . .	84	108	90	94	89	95	104	102
Fall River, . . . . .	120	181	158	174	168	161	151	151
New Bedford, . . . . .	122	194	135	139	143	150	143	156
Lowell, . . . . .	123	160	140	150	156	147	151	184
Cambridge, . . . . .	70	109	74	89	93	90	98	97
50,000 TO 100,000.								
Lynn, . . . . .	66	83	79	85	80	95	82	112
Lawrence, . . . . .	103	143	122	116	138	140	128	135
Somerville, . . . . .	63	96	66	67	74	70	86	78
Brockton, . . . . .	78	95	65	92	102	103	98	100
Holyoke, . . . . .	119	145	195	198	169	178	200	163
Haverhill, . . . . .	86	78	95	89	80	99	109	120
25,000 TO 50,000.								
Malden, . . . . .	71	79	65	66	54	95	59	84
Quincy, . . . . .	64	90	71	72	76	75	108	82
Newton, . . . . .	69	73	90	62	77	58	84	76
Chelsea, . . . . .	66	76	81	78	68	73	78	70
Salem, . . . . .	69	119	88	102	79	103	133	121
Pittsfield, . . . . .	63	82	102	74	89	102	106	100
Fitchburg, . . . . .	69	99	75	79	29	81	111	105
Everett, . . . . .	61	83	54	63	70	85	104	95
Medford, . . . . .	68	60	70	56	74	32	59	100
Brookline (town), . . . . .	56	61	62	39	52	—	—	—
Taunton, . . . . .	124	130	115	156	158	123	148	171
Chicopee, . . . . .	120	124	111	126	138	137	138	177
Waltham, . . . . .	63	103	68	37	62	56	57	87
Revere, . . . . .	66	81	70	39	54	—	—	—
15,000 TO 25,000.								
Gloucester, . . . . .	89	94	67	109	75	80	97	109
Beverly, . . . . .	48	70	92	71	84	68	79	50
North Adams, . . . . .	88	114	80	65	69	117	76	113
Northampton, . . . . .	64	110	86	73	90	125	95	92
Watertown (town), . . . . .	77	75	72	75	52	—	—	—
Attleboro, . . . . .	81	88	84	96	78	—	—	—
Leominster, . . . . .	86	82	51	67	84	—	—	—
Peabody, . . . . .	81	100	89	82	81	—	—	—
Westfield (town), . . . . .	86	106	113	80	91	—	—	—
Melrose, . . . . .	57	80	62	65	74	64	59	40
Framingham (town), . . . . .	72	97	70	87	108	—	—	—
Gardner (town), . . . . .	89	123	101	87	88	—	—	—
Woburn, . . . . .	73	97	79	79	90	90	117	114
Newburyport, . . . . .	77	101	49	113	78	38	58	46
Methuen, . . . . .	78	90	—	—	—	—	—	—
Marlborough, . . . . .	67	90	66	70	97	74	77	114

<sup>1</sup> Exclusive of stillbirths.



Table 49

BIRTH RATES, DEATH RATES, NATURAL INCREASE,  
INFANT MORTALITY RATES, AND SURVIVORSHIP, IN MUNICIPALITIES  
HAVING OVER 15,000 INHABITANTS IN 1919: 1919.

MUNICIPALITIES (Grouped in order of population).	Births <sup>1</sup> per 1,000 popula- tion.	Deaths <sup>1</sup> per 1,000 popula- tion.	Natural increase per 1,000 popula- tion.	Deaths <sup>1</sup> under 1 year per 1,000 births. <sup>1</sup>	SURVIVORS AT END OF FIRST YEAR OF LIFE.	
					Number.	Per 1,000 births. <sup>1</sup>
<b>The State.</b>	<b>22.9</b>	<b>13.6</b>	<b>9.3</b>	<b>88.5</b>	<b>80,058</b>	<b>912</b>
OVER 100,000.						
Boston, . . . . .	25.1	15.6	9.5	96.4	16,985	904
Worcester, . . . . .	25.8	14.8	11.0	92.6	4,170	907
Springfield, . . . . .	25.8	13.8	12.0	84.1	2,993	916
Fall River, . . . . .	28.3	14.3	14.0	119.8	3,011	880
New Bedford, . . . . .	28.2	13.6	14.6	122.2	2,972	878
Lowell, . . . . .	27.3	15.2	12.1	123.3	2,686	877
Cambridge, . . . . .	25.2	13.4	11.8	70.3	2,563	930
50,000 TO 100,000.						
Lynn, . . . . .	19.6	12.3	7.3	66.1	1,807	934
Lawrence, . . . . .	25.6	13.6	12.0	103.4	2,157	897
Somerville, . . . . .	20.4	11.6	8.8	62.5	1,770	938
Brockton, . . . . .	21.6	11.1	10.5	78.0	1,311	922
Holyoke, . . . . .	26.3	13.9	12.4	119.3	1,394	880
Haverhill, . . . . .	20.7	13.2	7.5	85.7	1,013	914
25,000 TO 50,000.						
Malden, . . . . .	20.8	11.5	9.3	70.6	947	929
Quincy, . . . . .	23.0	9.6	13.4	63.5	1,017	936
Newton, . . . . .	17.7	10.8	6.9	69.1	754	931
Chelsea, . . . . .	31.5	15.9	15.6	66.0	1,273	934
Salem, . . . . .	—	—	—	69.3	1,006	931
Pittsfield, . . . . .	24.7	13.5	11.2	63.4	960	937
Fitchburg, . . . . .	26.3	11.1	15.2	68.8	1,001	931
Everett, . . . . .	21.4	9.6	11.8	60.8	802	939
Medford, . . . . .	19.8	10.7	9.1	67.5	704	932
Brookline (town), . . . . .	8.1	11.1	3.0 <sup>2</sup>	56.2	285	944
Taunton, . . . . .	25.0	20.5	4.5	124.1	811	876
Chicopee, . . . . .	28.8	10.8	18.0	119.8	903	880
Waltham, . . . . .	20.8	11.6	9.2	62.5	600	938
Revere, . . . . .	21.3	7.5	13.8	65.8	567	934
15,000 TO 25,000.						
Gloucester, . . . . .	19.9	13.8	6.1	88.8	420	911
Beverly, . . . . .	19.4	10.7	8.7	47.9	417	952
North Adams, . . . . .	19.9	14.0	5.9	88.2	403	912
Northampton, . . . . .	20.8	19.1	1.7	63.7	426	936
Watertown (town), . . . . .	21.1	7.5	13.6	76.9	408	923
Attleboro, . . . . .	22.1	12.7	9.4	80.6	399	919
Leominster, . . . . .	22.6	12.0	10.6	86.1	403	914
Peabody, . . . . .	29.8	12.1	17.7	81.1	532	919
Westfield (town), . . . . .	27.6	15.0	12.6	85.9	468	914
Melrose, . . . . .	21.5	11.9	9.6	56.5	367	943
Framingham (town), . . . . .	26.4	15.2	11.2	71.5	415	928
Gardner (town), . . . . .	23.2	12.8	10.4	89.0	358	911
Woburn, . . . . .	21.6	12.4	9.2	72.6	332	927
Newburyport, . . . . .	25.0	17.3	7.7	77.1	359	923
Methuen, . . . . .	22.0	13.1	8.9	78.3	306	922
Marlborough, . . . . .	23.9	12.6	11.3	66.6	336	933

<sup>1</sup> Exclusive of stillbirths.<sup>2</sup> Decrease.

Table 50

YEARS.	INFANT MORTALITY IN MASSACHUSETTS, BOSTON, AND THE REMAINDER OF THE STATE OUTSIDE BOSTON: 1910 TO 1919.								
	MASSACHUSETTS.			BOSTON.			REMAINDER OF STATE OUTSIDE BOSTON.		
	Live births.	DEATHS UNDER 1 YEAR.		Live births.	DEATHS UNDER 1 YEAR.		Live births.	DEATHS UNDER 1 YEAR.	
		Num-ber.	Per 1,000 live births.		Num-ber.	Per 1,000 live births.		Num-ber.	Per 1,000 live births.
1910, . . .	86,539	11,499	132.9	17,672	2,252	127.4	68,867	9,247	134.3
1911, . . .	88,327	10,543	119.4	17,844	2,242	125.6	70,483	8,301	117.8
1912, . . .	89,882	10,472	116.5	18,745	2,192	116.9	71,137	8,280	116.4
1913, . . .	91,644	10,086	110.1	19,101	2,109	110.4	72,543	7,977	110.0
1914, . . .	93,399	9,894	105.9	19,467	2,011	105.2	73,932	7,883	106.6
1915, . . .	93,155	9,490	101.9	19,713	2,047	103.8	73,442	7,443	101.3
1916, . . .	93,487	9,334	99.8	19,604	2,046	104.4	73,883	7,288	98.6
1917, . . .	95,731	9,325	97.4	19,950	1,965	98.5	75,781	7,360	97.1
1918, . . .	95,607	10,820	113.2	20,092	2,304	114.7	75,515	8,516	112.8
1919, . . .	87,827	7,769	88.5	18,798	1,814	96.5	69,029	5,955	86.3

Table 51

YEARS.	SURVIVORS AT END OF FIRST YEAR OF LIFE.		YEARS.	SURVIVORS AT END OF FIRST YEAR OF LIFE.	
	Per 1,000 popu-lation.	Per 1,000 live births.		Per 1,000 popu-lation.	Per 1,000 live births.
1851, . . . . .	21.3	867	1886, . . . . .	21.5	845
1852, . . . . .	24.9	874	1887, . . . . .	21.7	840
1853, . . . . .	24.9	865	1888, . . . . .	21.8	838
1854, . . . . .	25.2	869	1889, . . . . .	22.0	840
1855, . . . . .	25.1	865	1890, . . . . .	21.5	833
1856, . . . . .	26.2	877	1891, . . . . .	23.1	838
1857, . . . . .	26.6	882	1892, . . . . .	23.6	838
1858, . . . . .	25.4	878	1893, . . . . .	23.5	834
1859, . . . . .	25.8	870	1894, . . . . .	22.9	833
1860, . . . . .	25.4	866	1895, . . . . .	22.8	844
1861, . . . . .	24.5	854	1896, . . . . .	23.7	842
1862, . . . . .	22.5	869	1897, . . . . .	23.9	853
1863, . . . . .	20.5	850	1898, . . . . .	23.2	849
1864, . . . . .	20.4	846	1899, . . . . .	21.9	850
1865, . . . . .	20.0	853	1900, . . . . .	22.1	843
1866, . . . . .	22.6	862	1901, . . . . .	21.8	862
1867, . . . . .	22.7	864	1902, . . . . .	21.5	860
1868, . . . . .	22.3	860	1903, . . . . .	21.6	862
1869, . . . . .	21.7	851	1904, . . . . .	21.9	867
1870, . . . . .	22.0	838	1905, . . . . .	21.4	860
1871, . . . . .	22.6	849	1906, . . . . .	22.3	862
1872, . . . . .	22.7	806	1907, . . . . .	23.3	867
1873, . . . . .	23.3	822	1908, . . . . .	23.3	866
1874, . . . . .	23.7	836	1909, . . . . .	22.2	873
1875, . . . . .	22.0	825	1910, . . . . .	22.2	867
1876, . . . . .	21.1	842	1911, . . . . .	22.6	881
1877, . . . . .	20.8	848	1912, . . . . .	22.6	883
1878, . . . . .	20.3	850	1913, . . . . .	22.8	890
1879, . . . . .	19.6	855	1914, . . . . .	22.9	894
1880, . . . . .	20.8	837	1915, . . . . .	22.7	898
1881, . . . . .	20.9	837	1916, . . . . .	22.3	900
1882, . . . . .	20.7	837	1917, . . . . .	22.5	903
1883, . . . . .	21.2	841	1918, . . . . .	21.7	887
1884, . . . . .	21.4	841	1919, . . . . .	20.9	911
1885, . . . . .	21.2	843			

De- tailed Int. List. No.	Table 52 CAUSES.	INFANT DEATHS PER 1,000 LIVE BIRTHS, BY CAUSES: 1912 TO 1919.							
		1919.	1918.	1917.	1916.	1915.	1914.	1913.	1912.
	<b>All Causes.</b>	<b>88.5</b>	<b>113.2</b>	<b>97.4</b>	<b>99.8</b>	<b>101.9</b>	<b>105.9</b>	<b>110.1</b>	<b>116.5</b>
	Developmental and wasting diseases,*	31.1	35.0	31.5	33.1	37.6	40.3	41.0	44.6
151a	Premature birth,*	16.3	19.2	17.5	17.9	25.5	31.8	-	-
150	Congenital malformations,	7.9	7.4	6.4	6.9	7.1	6.0	6.2	6.7
151b	Congenital debility, etc.,*	6.9	8.4	7.6	8.3	5.0	2.5	-	-
104	Diarrhea and enteritis,*	15.0	24.2	22.7	22.4	23.6	26.9	28.3	31.0
91	Broncho-pneumonia,*	10.4	12.8	8.5	10.7	11.5	15.6	11.8	9.6
92a	Lobar pneumonia,*	2.0	3.6	4.2	3.9	3.6	3.2	2.8	2.0
71	Convulsions,	.8	.7	.9	1.3	1.7	2.1	1.7	2.3
89, 90	Bronchitis,*	3.0	3.7	2.5	2.8	2.9	2.6	2.9	3.2
8	Whooping cough,*	2.2	3.5	1.6	2.2	1.8	1.6	1.6	1.6
61	Meningitis,	1.0	1.2	1.0	1.2	1.4	1.5	1.8	2.1
30	Tuberculous meningitis,	.8	.8	.9	1.1	1.1	1.0	1.3	1.1
37	Syphilis,	.9	.8	1.2	1.0	1.0	1.0	.9	.9
92b	Pneumonia, undefined,	.1	.4	.3	.5	.8	1.2	1.5	5.1
63a	Acute anterior poliomyelitis,	-	.1	.1	.5	-	-	-	-
	All other causes,	21.2	26.4	22.0	19.1	14.6	8.9	14.4	13.0

Table 53

MONTHS.		DEATHS UNDER 2 YEARS OF AGE FROM DIARRHEA AND ENTERITIS (104),* BY MONTHS: 1912 TO 1919.							
		1919.	1918.	1917.	1916.	1915.	1914.	1913.	1912.
The Year.		1,493	2,646	2,502	2,391	2,532	2,843	2,958	3,180
January, . . . . .		88	92	88	91	69	79	97	55
February, . . . . .		65	73	83	68	74	90	87	61
March, . . . . .		80	91	79	84	70	86	90	96
April, . . . . .		68	82	90	77	78	102	109	99
May, . . . . .		71	95	103	101	66	108	88	99
June, . . . . .		82	162	108	69	90	135	141	135
July, . . . . .		189	506	249	261	303	362	493	638
August, . . . . .		305	612	633	640	629	679	771	771
September, . . . . .		220	472	537	511	604	612	595	648
October, . . . . .		155	240	301	259	326	345	291	355
November, . . . . .		80	143	134	130	126	162	117	141
December, . . . . .		90	78	97	100	97	83	79	82
		PER CENT DISTRIBUTION.							
The Year.		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
January, . . . . .		5.9	3.5	3.5	3.8	2.7	2.8	3.3	1.7
February, . . . . .		4.3	2.8	3.3	2.8	2.9	3.2	2.9	1.9
March, . . . . .		5.4	3.4	3.2	3.5	2.8	3.0	3.0	3.0
April, . . . . .		4.5	3.1	3.6	3.2	3.1	3.6	3.7	3.1
May, . . . . .		4.8	3.6	4.1	4.2	2.6	3.8	3.0	3.1
June, . . . . .		5.5	6.1	4.3	2.9	3.5	4.8	4.8	4.2
July, . . . . .		12.7	19.1	9.9	10.9	12.0	12.7	16.7	20.1
August, . . . . .		20.4	23.1	25.3	26.8	24.8	23.9	26.1	24.3
September, . . . . .		14.7	17.8	21.5	21.4	23.9	21.5	20.1	20.4
October, . . . . .		10.4	9.1	12.0	10.8	12.9	12.1	9.8	11.2
November, . . . . .		5.4	5.4	5.4	5.4	5.0	5.7	3.9	4.4
December, . . . . .		6.0	3.0	3.9	4.2	3.8	2.9	2.7	2.6

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS  
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND  
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915; 1919.

Abridged Int. List No.

## CAUSE OF DEATH.

		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	The State.	T	7,769	1,251	429	291	593	2,564	461	341	269	3,635	663	512	1,257	944	758
		M	4,395	718	244	160	354	1,476	248	183	160	2,067	390	294	727	530	387
		F	3,373	533	185	131	239	1,088	213	158	109	1,568	273	218	530	414	370
		U	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
5	Measles, . . . . .	M	27	-	-	-	-	-	-	-	-	-	3	1	4	6	13
		F	18	-	-	-	-	-	-	1	-	1	-	-	1	7	9
6	Scarlet fever, . . . . .	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	88	-	-	-	-	-	1	-	-	-	-	-	-	3	1
7	Whooping cough, . . . . .	M	101	-	-	-	-	-	-	-	2	2	9	7	28	25	30
		F	16	-	-	-	-	-	-	1	-	1	1	-	4	4	6
8	Diphtheria and croup, . . . . .	M	11	-	-	-	-	-	-	-	-	-	-	1	-	5	5
		F	120	-	-	-	1	1	7	2	4	14	9	4	28	39	26
9	Influenza, . . . . .	M	90	-	1	-	1	2	1	3	2	8	6	7	20	23	26
		F	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-
12	Dysentery, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	18	-	-	-	-	-	1	3	2	6	7	1	3	1	-
12	Erysipelas, . . . . .	M	18	-	-	-	-	-	-	2	2	4	7	2	3	1	1
		F	2	-	-	-	1	1	-	-	-	1	-	-	-	-	-
37	Tetanus, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	25	-	-	-	-	-	-	-	-	1	1	2	3	8	10
13	Tuberculosis of the lungs, . . . . .	M	25	-	-	-	-	-	1	-	-	1	1	2	7	5	9
		F	43	-	-	-	1	1	-	1	-	2	1	-	15	14	11
14	Tuberculous meningitis, . . . . .	M	31	-	-	-	-	-	-	-	1	1	1	3	6	5	15
		F	9	-	-	-	-	-	1	-	-	1	1	-	3	2	2
15	Other forms of tuberculosis, . . . . .	M	6	-	-	-	-	-	-	-	1	1	1	1	1	-	2
		F	44	1	-	-	-	-	3	4	2	10	10	6	7	8	3
37	Syphilis, . . . . .	M	32	1	-	1	3	5	3	3	2	13	5	3	8	1	2
		F	51	-	-	-	3	3	2	2	2	2	3	1	5	17	8
17	Meningitis, . . . . .	M	38	-	-	-	-	-	1	1	-	2	3	1	10	12	10
		F	40	-	-	4	4	8	2	1	3	14	1	7	9	5	4
37	Convulsions, . . . . .	M	27	-	1	1	5	7	1	5	1	14	2	-	4	3	4
		F	13	1	2	1	2	6	1	-	-	7	1	-	1	3	1
19	Organic diseases of the heart, . . . . .	M	4	-	-	1	-	1	-	-	-	1	-	-	1	-	2
		F	158	-	-	-	1	3	4	7	6	25	18	15	51	33	16
20	Acute Bronchitis, . . . . .	M	101	-	-	-	-	-	2	4	2	8	13	10	27	23	20
		F	106	2	-	1	2	5	2	3	-	10	9	8	30	29	20
22	Pneumonia, . . . . .	M	78	-	-	-	2	2	5	-	6	13	5	4	19	19	18
		F	512	-	-	1	10	11	15	17	15	58	64	47	131	119	93
23	Broncho-pneumonia, . . . . .	M	405	-	1	2	6	9	14	14	17	54	32	39	98	92	90
		F	69	-	-	-	1	1	1	5	6	13	11	8	22	10	5
24	Diseases of the stomach, . . . . .	M	49	-	-	1	1	2	3	1	-	6	7	12	8	10	6
		F	712	-	-	-	7	7	21	25	34	87	93	84	227	143	78
25	Diarrhea and enteritis, . . . . .	M	601	-	-	1	5	6	18	25	21	70	82	73	188	116	72
		F	373	56	35	37	71	199	37	26	16	278	28	18	32	11	6
33	Malformations, . . . . .	M	323	70	25	28	47	170	40	27	12	249	18	10	24	14	8
		F	819	416	119	48	78	661	54	42	24	781	23	9	5	1	-
33	Premature birth, . . . . .	M	616	284	101	52	58	495	51	31	11	588	19	6	1	1	1
		F	344	30	22	18	40	110	39	22	20	191	53	40	40	15	5
33	Congenital debility, . . . . .	M	258	23	13	11	29	76	31	23	19	149	39	24	31	11	4
		F	222	107	25	26	40	198	15	4	-	217	2	1	2	-	-
37	Injuries at birth, . . . . .	M	149	73	23	12	27	135	10	2	1	148	-	-	1	-	-
		F	47	5	1	-	3	9	-	1	6	16	4	5	10	4	8
35	External causes, . . . . .	M	29	3	1	2	1	7	2	2	2	13	-	3	8	3	2
		F	40	6	1	1	5	13	-	1	-	14	6	6	8	1	5
38	Diseases ill-defined or unknown, . . . . .	M	28	7	-	-	-	7	2	1	-	10	3	2	5	5	3
		F	494	94	39	22	82	237	37	20	17	311	27	20	55	40	41
	All other causes, . . . . .	M	329	72	19	19	54	164	28	13	7	212	19	8	31	29	30

<sup>1</sup> Exclusive of stillbirths.

Abridged Int. List. No.

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS  
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND  
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.

## CAUSE OF DEATH.

Sex.	Total deaths under 1 year of age.	Less than 1 day.															Less than 1 week.															Less than 1 month.															Less than 1 year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		1 day.					2 days.					3 days but less than 7.					1 week but less than 2.					2 weeks but less than 3.					3 weeks but less than 1 month.					1 month but less than 2.					2 months but less than 3.					3 months but less than 6.					6 months but less than 9.					9 months but less than 12.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
T	1,814	290	109	63	125	587	122	68	67	844	157	131	277	205	200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

<sup>1</sup> Exclusive of stillbirths.



Table 54			DEATHS <sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.															
Abridged Int. List No.	CAUSE OF DEATH.		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	BROCKTON.		T	111	17	14	11	11	53	8	6	2	69	11	5	14	9	3
			M	67	11	9	5	7	32	5	4	2	43	7	2	8	5	2
			F	44	6	5	6	4	21	3	2	1	26	4	3	6	4	1
5	Measles,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Diphtheria and croup,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza,	M	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Dysentery,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis,	M	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Other forms of tuberculosis,	M	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,	M	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Convulsions,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Organic diseases of the heart.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis,	M	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Pneumonia,	M	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Broncho-pneumonia,	M	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Diseases of the stomach,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Diarrhea and enteritis,	M	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Malformations,	M	-	4	-	1	1	1	3	-	-	-	1	3	-	-	-	-
		F	-	4	-	2	-	4	17	-	-	-	3	3	-	-	-	-
33	Premature birth,	M	-	22	8	4	1	4	17	1	3	1	22	1	-	-	-	-
		F	-	13	3	2	2	2	9	2	1	-	12	1	-	-	-	-
33	Congenital debility,	M	-	11	1	1	1	1	4	2	1	1	8	1	-	-	-	-
		F	-	7	-	1	2	1	4	-	-	-	4	1	1	1	-	-
37	Injuries at birth,	M	-	4	2	1	1	-	4	-	-	-	4	-	-	-	-	-
		F	-	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-
35	External causes,	M	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Diseases ill-defined or un-known.	M	-	2	-	-	1	-	1	-	-	-	1	-	-	-	-	-
		F	-	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-
	All other causes,	M	-	7	-	2	-	1	3	-	-	-	3	2	1	-	1	-
		F	-	5	1	-	2	-	3	1	-	-	4	-	-	1	-	-

<sup>1</sup> Exclusive of stillbirths.

Table 54		DEATHS <sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.																
		CAUSE OF DEATH.																
Abridged Int. List No.	SEX.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.	CAMBRIDGE.	
																		T
		194	43	13	8	13	77	12	6	8	103	18	8	32	14	19		
		111	23	11	4	8	46	6	6	3	55	12	5	21	9	9		
		83	20	2	4	5	31	6	6	5	48	6	3	11	5	10		
5	Measles, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Scarlet fever, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Whooping cough, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	Diphtheria and croup, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	Influenza, . . . . .	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Dysentery, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Erysipelas, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	Tetanus, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	Tuberculosis of the lungs, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Tuberculous meningitis, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
15	Other forms of tuberculosis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	Syphilis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Meningitis, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
37	Convulsions, . . . . .	M	3	-	-	1	1	2	-	-	-	-	-	-	-	-	-	
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	Organic diseases of the heart, . . . . .	M	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Acute bronchitis, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	Pneumonia, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	Broncho-pneumonia, . . . . .	M	16	-	-	-	-	-	1	-	1	-	-	-	-	-	-	
		F	9	-	-	1	-	1	-	-	-	-	-	-	-	-	-	
24	Diseases of the stomach, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25	Diarrhea and enteritis, . . . . .	M	16	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
		F	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33	Malformations, . . . . .	M	5	1	-	1	1	3	-	1	2	2	3	2	5	4	1	
		F	13	5	-	1	1	7	-	2	2	5	1	1	-	-	2	
33	Premature birth, . . . . .	M	28	15	6	-	-	2	2	-	-	11	1	-	-	-	-	
		F	18	8	2	1	2	13	3	1	-	23	2	-	3	1	-	
37	Congenital debility, {	M	8	-	3	-	-	3	1	-	-	4	2	-	1	-	-	
		F	8	2	-	-	-	2	2	-	-	6	-	1	1	-	-	
37	Injuries at birth, {	M	8	5	2	1	-	8	-	-	-	8	-	-	-	-	-	
		F	2	2	-	-	-	2	-	-	-	2	-	-	-	-	-	
35	External causes, {	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	4	-	-	1	1	2	-	-	-	2	-	-	1	1	-	
35	Diseases ill-defined or unknown, {	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	All other causes, {	M	14	2	-	1	6	9	-	-	-	9	1	-	2	2	-	
		F	8	3	-	-	1	4	-	-	1	5	-	1	1	-	-	

<sup>1</sup> Exclusive of stillbirths.

Abridged Int. List No.

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS  
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND  
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.

## CAUSE OF DEATH.

		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	FALL RIVER.	T	410	48	16	5	18	87	27	12	7	133	41	34	88	57	57
		M	235	29	10	4	12	55	12	7	2	76	16	19	60	34	30
		F	175	19	6	1	6	32	15	5	5	57	25	15	28	23	27
5	Measles, . . . . .	M	11	-	-	-	-	-	-	-	-	-	1	1	3	4	2
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	2
6	Scarlet fever, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1
8	Diphtheria and croup, . . . . .	M	3	-	-	-	-	-	-	-	-	-	-	-	2	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
9	Influenza, . . . . .	M	4	-	-	-	-	-	-	-	-	-	-	1	1	-	2
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
12	Dysentery, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
12	Erysipelas, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
14	Tuberculous meningitis, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
15	Other forms of tuberculosis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
37	Syphilis, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	1	-	1	-
17	Meningitis, . . . . .	M	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
37	Convulsions, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Organic diseases of the heart, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis, . . . . .	M	19	-	-	-	-	-	1	1	-	2	3	1	3	6	4
		F	13	-	-	-	-	-	-	-	-	1	2	-	2	5	3
22	Pneumonia, . . . . .	M	5	-	-	-	-	-	-	-	-	-	-	-	1	3	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
23	Broncho-pneumonia, . . . . .	M	25	-	-	-	-	-	-	1	-	1	1	2	7	7	7
		F	21	-	-	-	-	-	2	-	-	2	1	5	5	4	4
24	Diseases of the stomach, . . . . .	M	3	-	-	-	-	-	-	1	-	1	1	-	-	-	-
		F	4	-	-	-	-	1	1	2	-	3	-	-	-	-	1
25	Diarrhea and enteritis, . . . . .	M	66	-	-	-	2	2	4	2	1	9	5	8	29	9	6
		F	62	-	-	-	-	8	3	1	2	6	17	6	17	7	9
33	Malformations, . . . . .	M	13	4	2	-	1	7	4	-	-	11	1	-	1	-	-
		F	15	5	1	-	2	8	4	2	-	14	-	-	-	-	-
33	Premature birth, . . . . .	M	28	17	5	3	1	26	1	-	1	28	-	-	-	-	-
		F	15	8	4	1	1	14	-	-	-	14	1	-	-	-	-
33	} Congenital debility, {	M	13	-	-	-	2	2	1	1	-	4	3	1	4	1	-
		F	7	1	-	-	-	1	1	-	1	3	3	1	-	-	-
37	Injuries at birth, . . . . .	M	10	5	1	1	2	9	-	-	-	9	-	-	1	-	-
		F	6	3	1	-	1	5	-	-	1	6	-	-	-	-	-
35	External causes, . . . . .	M	3	-	-	-	-	-	-	-	-	-	-	-	2	-	1
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
38	Diseases ill-defined or un-	M	6	-	-	-	-	-	-	-	-	-	1	3	2	-	-
	known. . . . .	F	3	-	-	-	-	-	-	-	-	2	-	-	-	1	-
	All other causes, . . . . .	M	16	3	2	-	4	9	1	1	-	11	-	-	2	1	2
		F	8	-	-	-	1	1	2	2	-	5	1	-	1	1	-

<sup>1</sup> Exclusive of stillbirths.

Abridged Int. List No.

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS  
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND  
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.

CAUSE OF DEATH.		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
HOLYOKE.		T	189	28	8	3	9	48	9	8	6	71	15	13	46	25	19
		M	91	16	4	—	5	25	—	—	—	31	4	8	24	15	9
		F	98	12	4	3	4	23	9	8	4	40	11	5	22	10	10
5	Measles, . . . . .	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	Scarlet fever, . . . . .	M	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—
7	Whooping cough, . . . . .	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	Diphtheria and croup, . . . . .	M	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
9	Influenza, . . . . .	F	4	—	—	—	—	—	—	—	—	—	—	1	1	2	—
12	Dysentery, . . . . .	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	Erysipelas, . . . . .	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Tetanus, . . . . .	M	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—
13	Tuberculosis of the lungs, . . . . .	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	Tuberculous meningitis, . . . . .	M	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
15	Other forms of tuberculosis, . . . . .	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
37	Syphilis, . . . . .	M	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—
17	Meningitis, . . . . .	F	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2
37	Convulsions, . . . . .	M	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
19	Organic diseases of the heart, . . . . .	F	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
20	Acute bronchitis, . . . . .	M	4	—	—	—	—	—	—	—	—	—	—	1	1	1	1
22	Pneumonia, . . . . .	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	Broncho-pneumonia, . . . . .	M	17	—	—	—	—	—	—	—	1	1	—	—	—	—	—
24	Diseases of the stomach, . . . . .	F	16	—	—	—	—	—	1	2	2	5	4	—	4	—	3
25	Diarrhea and enteritis, . . . . .	M	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
33	Malformations, . . . . .	F	22	—	—	—	—	—	—	—	—	—	—	1	11	8	2
33	Premature birth, . . . . .	M	34	—	—	—	—	—	2	1	—	—	—	—	4	6	—
33	Congenital debility, {	F	5	1	—	2	—	3	1	—	—	4	—	—	—	1	—
33		M	13	9	1	—	1	11	—	1	—	12	—	1	—	—	—
37	Injuries at birth, {	F	17	7	4	—	2	13	2	2	—	17	—	—	—	—	—
37		M	8	—	—	—	—	—	—	—	—	2	—	2	1	2	1
37	External causes, . . . . .	F	4	1	—	1	—	2	—	1	1	4	—	—	—	—	—
35		M	3	1	—	—	2	3	—	—	—	3	—	—	—	—	—
38	Diseases ill-defined or unknown, . . . . .	F	1	1	—	—	—	1	—	—	—	1	—	—	—	—	—
38		M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	All other causes, . . . . .	F	2	1	1	—	—	2	—	—	—	2	—	—	—	—	—
		M	12	2	1	—	2	5	2	1	—	8	—	1	2	1	—
		F	9	2	—	—	1	3	—	—	—	3	2	—	2	—	2

<sup>1</sup> Exclusive of stillbirths.

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Abridged Int. List No.	CAUSE OF DEATH.		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	LAWRENCE.		T	249	18	8	6	20	52	16	8	13	89	21	17	54	43	25
			M	136	13	4	4	15	36	9	2	5	52	11	9	29	26	9
			F	113	5	4	2	5	16	7	6	8	37	10	8	25	17	16
5	Measles,		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Scarlet fever,		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,		M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Diphtheria and croup,		M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza,		M	5	-	-	-	-	-	1	-	-	1	-	-	1	1	2
			F	6	-	-	-	-	-	-	-	-	-	-	-	3	1	2
12	Dysentery,		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas,		M	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
			F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
37	Tetanus,		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis,		M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
			F	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1
15	Other forms of tuberculosis,		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis,		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,		M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
			F	3	-	-	-	-	-	-	-	-	-	-	-	1	-	2
37	Convulsions,		M	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
			F	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-
19	Organic diseases of the heart.		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis,		M	3	-	-	-	-	-	-	-	-	-	-	1	-	2	-
			F	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-
22	Pneumonia,		M	3	-	-	-	-	-	1	-	-	-	1	-	3	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Broncho-pneumonia,		M	22	-	-	-	1	1	1	-	1	3	2	1	5	7	4
			F	19	-	-	-	-	-	-	1	1	2	3	2	2	5	5
24	Diseases of the stomach,		M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
			F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
25	Diarrhea and enteritis,		M	38	-	-	-	-	-	1	-	3	4	7	4	11	10	2
			F	38	-	-	-	1	1	3	2	7	7	2	5	15	6	3
33	Malformations,		M	8	-	-	-	4	4	2	-	2	6	1	-	1	-	-
			F	7	1	-	1	2	2	2	-	2	6	1	-	-	-	-
33	Premature birth,		M	26	12	3	3	3	21	2	1	1	25	1	-	-	-	-
			F	18	4	3	-	3	10	3	1	3	17	1	-	-	-	-
33	} Congenital debility,	M	6	-	-	-	1	1	2	-	-	3	2	-	2	2	-	-
		F	4	-	-	-	1	1	1	-	-	-	1	2	-	1	-	-
37	Injuries at birth,	M	2	-	1	-	-	1	2	-	-	-	2	-	-	-	-	-
		F	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
35	External causes,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
38	Diseases ill-defined or unknown.	M	1	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes,	M	11	-	-	1	-	5	6	2	-	-	8	-	-	-	1	2
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

<sup>1</sup> Exclusive of stillbirths.

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS  
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND  
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.

CAUSE OF DEATH.		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
LOWELL.		T	378	50	24	20	20	114	14	19	8	155	29	22	78	57	37
		M	228	30	13	16	12	71	6	9	4	90	18	15	46	34	25
		F	150	20	11	4	8	43	8	10	4	65	11	7	32	23	12
5	Measles, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
6	Scarlet fever, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough, . . . . .	M	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
8	Diphtheria and croup, . . . . .	M	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza, . . . . .	M	4	-	-	-	-	-	-	-	-	-	-	-	-	4	-
		F	3	-	-	-	-	-	-	1	-	1	1	-	-	1	-
12	Dysentery, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas, . . . . .	M	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
37	Tetanus, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis, . . . . .	M	5	-	-	-	-	-	-	-	-	-	-	-	1	1	1
		F	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
15	Other forms of tuberculosis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis, . . . . .	M	2	-	-	-	-	-	1	-	-	1	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis, . . . . .	M	3	-	-	-	-	-	-	-	-	-	-	-	1	1	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
37	Convulsions, . . . . .	M	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
19	Organic diseases of the heart, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis, . . . . .	M	13	-	-	-	-	-	-	-	1	1	3	1	3	2	3
		F	9	-	-	-	-	-	-	-	-	-	-	1	3	3	2
22	Pneumonia, . . . . .	M	5	-	-	-	-	-	-	1	-	1	-	-	2	1	1
		F	3	-	-	-	-	-	-	-	-	-	-	-	2	1	-
23	Broncho-pneumonia, . . . . .	M	14	-	-	-	-	-	-	-	-	-	-	2	7	4	1
		F	10	-	-	-	-	-	-	1	-	1	-	-	4	2	3
24	Diseases of the stomach, . . . . .	M	3	-	-	-	-	-	-	-	1	1	-	-	1	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
25	Diarrhea and enteritis, . . . . .	M	70	-	-	2	2	-	-	1	3	7	9	22	18	11	11
		F	44	-	1	1	1	2	2	2	5	4	4	15	11	5	-
33	Malformations, . . . . .	M	15	3	4	7	7	1	1	2	9	1	-	-	4	-	-
		F	10	1	1	1	1	4	1	2	7	1	-	-	2	1	-
33	Premature birth, . . . . .	M	35	16	10	2	2	30	1	2	33	1	1	1	-	-	-
		F	20	7	6	2	15	2	1	1	18	2	-	-	-	-	-
33	Congenital debility, {	M	23	1	-	6	4	11	3	3	17	1	2	2	-	-	1
37		F	27	3	2	2	3	10	3	3	4	20	3	1	1	2	-
37	Injuries at birth, . . . . .	M	6	1	1	1	3	6	-	-	-	6	-	-	-	-	-
		F	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-
35	External causes, . . . . .	M	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Diseases ill-defined or unknown, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes, . . . . .	M	20	9	2	3	1	15	-	1	-	16	1	-	-	1	2
		F	13	8	2	-	2	12	-	-	-	12	-	-	-	-	1

<sup>1</sup> Exclusive of stillbirths.



Table 54			DEATHS <sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.															
Abridged Int. List. No.	CAUSE OF DEATH.	Sex.	Total deaths under 1 year of age.															
			Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.		
	LYNN.	T	128	3	21	4	13	41	10	4	4	59	7	10	18	12	22	
		M	78	1	13	3	11	23	7	1	4	40	4	5	11	7	11	
		F	50	2	8	1	2	13	3	3	-	19	3	5	7	5	11	
5	Measles, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Scarlet fever, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
7	Whooping cough, . . . . .	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	Diphtheria and croup, . . . . .	M	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
9	Influenza, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
12	Dysentery, . . . . .	M	5	-	-	-	-	-	-	-	-	-	-	1	1	1	-	
12	Erysipelas, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	Tetanus, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	Tuberculosis of the lungs, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Tuberculous meningitis, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
15	Other forms of tuberculosis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	Syphilis, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Meningitis, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
37	Convulsions, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
19	Organic diseases of the heart, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Acute bronchitis, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
22	Pneumonia, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	Broncho-pneumonia, . . . . .	M	2	-	-	-	-	-	1	-	-	1	-	1	1	-	-	
24	Diseases of the stomach, . . . . .	M	5	-	-	-	-	-	1	-	-	1	-	-	-	-	-	
25	Diarrhea and enteritis, . . . . .	M	9	-	-	-	-	-	1	2	-	3	-	-	1	1	-	
33	Malformations, . . . . .	M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33	Premature birth, . . . . .	M	6	-	-	-	-	-	3	-	-	3	1	-	2	-	-	
33	Congenital debility, . . . . .	M	8	-	-	-	-	-	-	-	-	4	-	1	4	2	-	
37	Injuries at birth, . . . . .	M	6	-	2	-	-	2	2	-	-	3	-	1	1	-	-	
35	External causes, . . . . .	M	3	1	1	1	1	1	1	1	-	2	-	-	-	1	-	
38	Diseases ill-defined or unknown, . . . . .	M	2	1	2	1	3	6	1	-	-	1	-	-	-	-	-	
	All other causes, . . . . .	M	5	-	2	-	2	4	1	-	-	5	-	-	-	-	-	
		F	2	1	-	-	-	-	-	-	-	1	1	1	-	-	-	
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Exclusive of stillbirths.

Abridged Int. List No.

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.

CAUSE OF DEATH.		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
NEW BEDFORD.		T	414	52	13	15	33	113	13	11	12	149	34	39	87	53	52
		M	242	32	10	6	22	70	8	5	6	89	22	26	49	29	27
		F	172	20	3	9	11	43	5	6	6	60	12	13	38	24	25
5	Measles, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	2	2
6	Scarlet fever, . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough, . . .	M	5	-	-	-	-	-	1	-	-	1	-	1	1	1	1
		F	6	-	-	-	-	-	-	-	-	-	1	-	1	2	2
8	Diphtheria and croup, .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
9	Influenza, . . . . .	M	6	-	-	-	-	-	-	-	1	1	1	-	2	-	2
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
12	Dysentery, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
37	Tetanus, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs, .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis, .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Other forms of tuberculosis,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-
17	Meningitis, . . . . .	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1
37	Convulsions, . . . . .	M	3	-	-	-	-	-	1	-	-	1	-	1	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
19	Organic diseases of the heart.	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis, . . . .	M	22	-	-	-	-	-	-	1	-	1	2	3	8	5	3
		F	14	-	-	-	-	-	-	-	1	1	1	2	4	4	2
22	Pneumonia, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
23	Broncho-pneumonia, . . .	M	37	-	-	-	1	1	-	1	2	4	3	5	8	7	10
		F	20	-	-	-	-	-	2	-	1	3	1	-	7	5	4
24	Diseases of the stomach, .	M	2	-	-	-	-	-	1	-	-	1	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Diarrhea and enteritis, . .	M	62	-	-	-	-	-	2	3	2	7	10	10	23	8	4
		F	52	-	-	-	-	-	-	2	2	4	7	8	19	5	9
33	Malformations, . . . . .	M	15	4	1	1	8	14	-	-	-	1	15	8	1	-	-
		F	10	4	-	2	8	-	-	-	-	1	8	1	1	-	-
33	Premature birth, . . . .	M	21	10	3	1	3	17	1	-	-	18	1	1	1	-	-
		F	18	7	1	5	2	15	1	1	1	18	-	-	-	-	-
33	} Congenital debility,	M	11	2	-	-	1	3	2	-	-	5	3	2	-	1	-
		F	6	-	1	-	1	2	1	-	-	3	1	1	1	-	-
37	} Injuries at birth, . . .	M	9	2	1	2	4	9	-	-	-	9	-	-	-	-	-
		F	4	2	-	-	2	4	-	-	-	4	-	-	-	-	-
35	External causes, . . . .	M	4	-	-	-	-	-	-	-	1	1	2	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Diseases ill-defined or unknown.	M	10	3	-	-	1	4	-	-	-	4	1	1	2	-	2
		F	8	2	-	-	-	2	1	-	-	3	-	-	2	2	1
	All other causes, . . . .	M	25	11	5	2	4	22	-	-	-	22	-	-	1	1	1
		F	18	5	1	2	4	12	-	1	-	13	-	-	1	2	2

<sup>1</sup> Exclusive of stillbirths.

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS  
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND  
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.

Abridged Int. List No.		CAUSE OF DEATH.		Sex.	Total deaths under 1 year of age.													
					Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
SOMERVILLE.		T	118		22	5	4	12	43	7	5	4	59	13	7	12	12	15
		M	60		14	1	2	9	26	1	2	3	32	6	5	12	4	6
		F	58		8	4	2	3	17	6	3	1	27	7	2	5	8	9
5	Measles, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Scarlet fever, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Diphtheria and croup, . . . . .	M	1		-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza, . . . . .	M	2		-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Dysentery, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus, . . . . .	M	1		-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis, . . . . .	M	1		-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Other forms of tuberculosis, . . . . .	M	1		-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis, . . . . .	M	1		-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Convulsions, . . . . .	M	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Organic diseases of the heart, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis, . . . . .	M	2		-	-	-	-	-	-	-	-	-	1	-	1	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	1	-
22	Pneumonia, . . . . .	M	1		-	-	1	-	1	-	-	-	1	-	-	-	1	-
		F	3		-	-	-	-	-	-	-	-	-	-	1	-	2	-
23	Broncho-pneumonia, . . . . .	M	5		-	-	-	-	-	-	-	-	-	-	1	-	1	-
		F	6		-	-	-	-	-	-	1	-	1	1	-	2	-	2
24	Diseases of the stomach, . . . . .	M	1		-	-	-	-	-	-	-	1	1	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Diarrhea and enteritis, . . . . .	M	12		-	-	-	-	-	-	-	1	1	4	2	2	-	3
		F	10		-	-	-	-	-	-	-	1	1	3	1	1	3	1
33	Malformations, . . . . .	M	6	1	-	-	1	3	5	2	1	1	4	-	1	-	-	-
		F	11	-	1	1	1	2	1	2	-	-	8	-	-	-	-	-
33	Premature birth, . . . . .	M	13	8	-	-	-	11	10	3	2	-	13	-	-	1	-	-
		F	14	7	2	1	-	10	6	1	1	-	14	-	-	-	-	-
33	Congenital debility, {	M	8	2	-	-	-	4	6	1	-	-	7	-	1	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
37	Injuries at birth, . . . . .	M	4	3	-	-	-	1	4	-	-	-	4	-	-	-	-	-
		F	2	1	1	-	-	-	2	-	-	-	2	-	-	-	-	-
35	External causes, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Diseases ill-defined or unknown, . . . . .	M	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes, . . . . .	M	3		-	-	-	1	1	-	-	-	1	1	-	1	-	-
		F	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Exclusive of stillbirths.

Table 54		DEATHS <sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.																	
Abridged Int. List No.	CAUSE OF DEATH.	Sex.	Total deaths under 1 year of age.																
			Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.			
	SPRINGFIELD.	T	275	47	19	18	16	99	23	18	13	154	15	12	37	31	26		
		M	156	29	13	8	9	58	14	10	9	92	8	6	21	15	14		
		F	119	18	6	10	7	41	9	8	4	62	7	6	16	16	12		
5	Measles, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Scarlet fever, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Whooping cough, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2		
8	Diphtheria and croup, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	Influenza, . . . . .	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Dysentery, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Erysipelas, . . . . .	M	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-		
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
37	Tetanus, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	Tuberculosis of the lungs, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
14	Tuberculous meningitis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15	Other forms of tuberculosis, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37	Syphilis, . . . . .	M	2	-	-	-	-	-	1	1	-	2	-	-	-	-	-		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
17	Meningitis, . . . . .	M	3	-	-	-	1	1	-	-	-	1	-	-	-	1	1		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37	Convulsions, . . . . .	M	1	-	-	-	-	1	1	-	-	1	-	-	-	-	-		
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
19	Organic diseases of the heart, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
20	Acute bronchitis, . . . . .	M	4	-	-	-	-	-	1	-	-	1	-	-	2	1	-		
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
22	Pneumonia, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
23	Broncho-pneumonia, . . . . .	M	17	-	-	-	-	-	1	-	-	1	4	3	3	4	2		
		F	18	-	-	-	-	-	-	1	-	1	1	2	3	4	7		
24	Diseases of the stomach, . . . . .	M	3	-	-	-	1	1	-	-	-	1	2	-	1	-	-		
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
25	Diarrhea and enteritis, . . . . .	M	23	-	-	-	-	-	-	2	2	4	1	2	9	4	3		
		F	20	-	-	-	-	-	-	2	2	2	3	2	6	6	1		
33	Malformations, . . . . .	M	15	1	5	1	2	9	-	1	1	10	1	-	3	1	-		
		F	11	1	1	2	1	5	1	1	1	8	-	-	2	1	-		
33	Premature birth, . . . . .	M	34	15	6	1	1	23	4	5	2	34	-	-	-	-	-		
		F	28	14	2	4	1	21	4	2	1	28	-	-	-	-	-		
33	Congenital debility, {	M	21	4	1	4	3	12	1	1	3	16	2	-	-	1	2		
		F	11	-	1	1	-	2	2	1	1	6	1	1	3	-	-		
37	Injuries at birth, . . . . .	M	5	4	-	1	-	5	-	-	-	5	-	-	-	-	-		
		F	9	2	1	2	2	7	2	-	-	9	-	-	-	-	-		
35	External causes, . . . . .	M	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1		
		F	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
38	Diseases ill-defined or unknown, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	All other causes, . . . . .	M	17	5	1	1	1	8	5	-	1	14	1	-	1	-	2		
		F	10	1	1	1	2	5	-	1	-	6	-	-	-	-	-		

<sup>1</sup> Exclusive of stillbirths.

Abridged Int. List No.

Table 54

DEATHS<sup>1</sup> FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS  
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND  
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1919.

CAUSE OF DEATH.		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 days but less than 7.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
WORCESTER.		T	426	78	18	6	42	144	31	29	14	218	26	20	67	60	35
		M	243	45	13	3	21	82	17	18	9	126	20	11	31	38	17
		F	183	33	5	3	21	62	14	11	5	92	6	9	36	22	18
5	Measles, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	4	-	-	-	-	-	-	1	-	1	-	-	-	-	3
6	Scarlet fever, . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough, . . .	M	9	-	-	-	-	-	-	-	-	-	1	1	2	4	1
		F	7	-	-	-	-	-	-	-	-	-	-	-	3	2	2
8	Diphtheria and croup, .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza, . . . . .	M	7	-	-	-	-	-	1	-	-	1	-	1	2	3	-
		F	7	-	-	-	-	-	-	1	-	1	-	1	2	1	2
12	Dysentery, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas, . . . . .	M	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus, . . . . .	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs, .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis, .	M	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
15	Other forms of tuberculosis,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis, . . . . .	M	4	-	-	-	-	-	-	1	-	1	3	-	-	-	-
		F	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-
17	Meningitis, . . . . .	M	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Convulsions, . . . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	2	-	-	-	-	-	-	-	-	-	1	1	-	1	-
19	Organic diseases of the heart.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis, . . .	M	6	-	-	-	-	-	-	2	-	2	-	1	1	2	-
		F	4	-	-	-	-	-	1	-	-	1	-	-	2	1	-
22	Pneumonia, . . . . .	M	5	-	-	-	-	-	-	-	-	-	1	-	-	2	2
		F	6	-	-	-	-	-	-	-	2	2	-	-	2	1	1
23	Broncho-pneumonia, . .	M	26	-	-	-	-	-	-	-	-	-	5	1	5	12	3
		F	23	-	-	-	1	1	-	1	2	4	-	4	8	1	6
24	Diseases of the stomach, .	M	3	-	-	-	-	-	-	-	-	1	-	2	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	2	1	1	-	1
25	Diarrhea and enteritis, .	M	37	-	-	-	2	2	-	3	-	5	2	1	1	-	-
		F	27	-	-	-	-	-	1	2	-	3	2	2	8	10	7
33	Malformations, . . . .	M	15	1	1	-	2	4	2	2	-	8	3	1	3	-	-
		F	15	4	-	1	1	6	3	1	-	10	-	-	2	2	-
33	Premature birth, . . . .	M	61	30	9	2	5	46	7	2	2	57	3	1	-	-	-
		F	43	19	5	1	8	33	3	4	1	41	1	1	-	-	-
33	Congenital debility,	M	18	3	1	1	2	7	1	4	2	14	1	-	3	-	-
37		F	13	1	-	1	4	6	3	-	-	9	-	-	3	1	-
37	Injuries at birth, . . .	M	11	5	1	-	1	7	4	-	-	11	-	-	-	-	-
		F	9	6	-	-	3	9	-	-	-	9	-	-	-	-	-
35	External causes, . . .	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
38	Diseases ill-defined or unknown.	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes, . . .	M	32	6	1	-	8	15	2	2	5	24	1	2	3	-	2
		F	13	3	-	-	4	7	2	-	-	9	-	-	2	-	-

<sup>1</sup> Exclusive of stillbirths.

## C. CAUSES OF DEATH.

Detailed Int. List No.	Table 55	CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				Total.*	MONTHS.										
					January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.
		ALL CAUSES.	T	52,345	-	-	-	-	-	-	-	-	-	-	-
			M	26,407	3,536	2,693	2,637	2,402	2,164	1,793	1,817	1,784	1,713	1,824	1,827
			F	25,930	3,618	2,517	2,588	2,283	2,046	1,751	1,792	1,689	1,635	1,848	1,889
			Un	8	-	-	1	-	1	-	1	1	-	2	2
I.		GENERAL DISEASES.	T	15,210	-	-	-	-	-	-	-	-	-	-	-
			M	7,402	1,346	856	760	649	553	463	473	423	431	473	448
			F	7,808	1,453	762	785	633	589	517	565	500	474	479	503
			Un	-	-	-	-	-	-	-	-	-	-	-	-
1		Typhoid fever,*	T	107	-	-	-	-	-	-	-	-	-	-	-
			M	63	5	3	5	3	2	4	3	9	7	11	7
			F	44	6	6	1	-	3	2	1	6	5	6	4
2		Typhus fever,*	T	-	-	-	-	-	-	-	-	-	-	-	-
			M	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-
3		Relapsing fever,	T	-	-	-	-	-	-	-	-	-	-	-	-
			M	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-
4		Malaria,	T	4	-	-	-	-	-	-	-	-	-	-	-
			M	3	-	-	1	-	-	-	-	1	-	-	-
			F	1	-	-	1	-	-	-	-	-	-	-	-
5		Smallpox,*	T	2	-	-	-	-	-	-	-	-	-	-	-
			M	2	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-
6		Measles,*	T	183	-	-	-	-	-	-	-	-	-	-	-
			M	101	4	4	11	16	13	14	4	2	3	7	8
			F	82	6	2	10	3	11	16	4	4	-	2	6
7		Scarlet fever,*	T	122	-	-	-	-	-	-	-	-	-	-	-
			M	52	3	4	6	9	2	4	2	2	1	6	4
			F	70	8	3	7	5	6	2	5	5	3	3	9
8		Whooping cough,*	T	323	-	-	-	-	-	-	-	-	-	-	-
			M	154	17	9	17	9	14	14	13	15	11	4	10
			F	169	19	11	13	20	18	15	17	12	9	6	11
9		Diphtheria and croup,*	T	593	-	-	-	-	-	-	-	-	-	-	-
			M	302	30	35	28	24	21	13	12	8	14	28	45
			F	291	29	33	34	18	16	10	15	12	18	28	31
10		Influenza,	T	2,872	-	-	-	-	-	-	-	-	-	-	-
			M	1,407	749	316	191	73	24	9	5	4	5	12	7
			F	1,465	867	275	175	61	32	9	6	3	8	10	8
11		Miliary fever,	T	-	-	-	-	-	-	-	-	-	-	-	-
			M	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-
12		Asiatic cholera,*	T	-	-	-	-	-	-	-	-	-	-	-	-
			M	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-
13		Cholera nostras,	T	7	-	-	-	-	-	-	-	-	-	-	-
			M	4	-	-	-	-	-	-	-	-	1	1	-
			F	3	-	-	-	-	-	-	1	1	1	-	-
14		Dysentery,	T	19	-	-	-	-	-	-	-	-	-	-	-
			M	11	-	1	1	-	-	-	-	8	1	-	-
			F	8	1	-	-	-	-	-	-	3	3	1	-
15		Plague,*	T	-	-	-	-	-	-	-	-	-	-	-	-
			M	-	-	-	-	-	-	-	-	-	-	-	-
			F	-	-	-	-	-	-	-	-	-	-	-	-

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.



### C. CAUSES OF DEATH.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919.

[illegible]

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
				MONTHS.												
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
	GENERAL DISEASES — Con.															
16	Yellow fever,* . . . .	T	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	Leprosy,* . . . .	T	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	Erysipelas,* . . . .	T	78	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	40	1	6	8	4	6	3	1	4	2	2	3	—	—
		F	38	2	3	6	—	7	3	4	2	2	1	3	5	—
19	Other epidemic diseases, .	T	25	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	16	—	—	4	4	1	1	1	—	—	—	—	—	—
		F	9	—	1	2	2	1	1	1	—	—	2	—	3	—
20	Purulent infection and sep- ticemia.	T	75	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	43	4	3	5	6	2	1	1	3	5	3	7	3	—
		F	32	5	9	—	2	—	5	3	3	1	2	1	1	—
21	Glanders, . . . .	T	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	Anthrax, . . . .	T	2	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	2	—	—	—	—	—	—	—	—	1	1	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	Rabies, . . . .	T	1	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	1	—	—	—	—	—	1	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	Tetanus, . . . .	T	23	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	18	—	—	1	2	1	2	2	3	2	3	2	—	—
		F	5	2	—	—	1	1	—	—	—	1	—	—	—	—
25	Mycoses, . . . .	T	3	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	2	—	—	—	—	1	—	—	—	—	—	—	—	—
		F	1	—	—	—	—	1	—	—	—	—	—	—	1	—
26	Pellagra,* . . . .	T	14	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	2	—	—	—	—	—	—	—	—	2	—	—	—	—
		F	12	—	4	—	2	—	2	—	1	2	—	—	—	1
27	Beriberi,* . . . .	T	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28-35	Tuberculosis (total), . . .	T	4,920	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,758	327	278	280	291	262	197	215	188	187	179	168	186	—
		F	2,162	230	174	228	200	221	174	188	162	134	140	157	154	—
28	Tuberculosis of the lungs,*	T	4,145	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,344	278	241	256	238	199	174	186	157	162	148	143	162	—
		F	1,801	202	147	197	160	181	144	150	141	107	113	129	130	—
29	Acute miliary tuberculosis,	T	76	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	43	9	3	2	7	3	2	1	6	4	3	2	1	—
		F	33	5	—	5	2	5	4	—	1	—	6	3	2	—
30	Tuberculous meningitis, .	T	410	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	224	30	17	16	24	39	15	13	11	12	19	13	15	—
		F	186	13	13	12	22	27	18	22	12	10	8	12	17	—

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	18	-	-	-	-	-	2	-	2	2	2	6	3	4	1	-	-	-
18	18	-	-	-	-	-	-	-	2	-	3	5	5	3	2	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	8	2	1	-	-	2	-	1	1	-	-	-	1	-	-	-	-	-
19	1	1	1	2	1	1	-	-	-	-	-	-	1	1	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	6	-	1	1	-	2	-	2	5	1	9	7	7	2	-	-	-	-
20	2	-	3	-	-	2	-	1	8	4	2	3	1	4	2	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	2	-	-	1	-	1	2	3	2	1	5	1	-	-	-	-	-	-
24	1	-	-	-	-	1	1	-	-	1	1	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	1	3	6	2	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28-35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28-35	77	83	40	22	14	43	21	124	575	608	568	357	164	55	7	-	-	-
28-35	62	49	37	15	15	47	58	203	665	441	312	126	80	45	7	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	20	14	10	1	3	8	8	105	524	575	535	329	157	49	6	-	-	-
28	19	10	5	1	2	13	38	186	617	404	276	115	70	40	5	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	5	5	3	1	-	-	-	1	6	5	9	8	-	-	-	-	-	-
29	6	2	1	1	-	-	1	2	6	7	5	2	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	43	56	22	14	10	24	7	7	23	6	7	3	-	-	-	-	-	-
30	31	34	29	13	10	29	12	8	9	6	2	1	2	-	-	-	-	-

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	GENERAL DISEASES — Con.														
31	Abdominal tuberculosis, .	T	146	—	—	—	—	—	—	—	—	—	—	—	—
		M	76	7	7	4	10	10	2	6	9	5	5	5	6
		F	70	5	8	4	12	3	4	7	3	12	5	5	2
32	Pott's disease,* . . .	T	39	—	—	—	—	—	—	—	—	—	—	—	—
		M	18	1	1	1	3	4	1	1	2	—	2	1	1
		F	21	2	2	4	—	1	—	4	—	4	1	2	1
33	White swellings,* . . .	T	20	—	—	—	—	—	—	—	—	—	—	—	—
		M	9	—	—	—	2	1	—	3	—	—	2	1	—
		F	11	—	3	—	—	1	2	—	1	—	3	1	—
34	Tuberculosis of other organs.	T	53	—	—	—	—	—	—	—	—	—	—	—	—
		M	29	2	7	1	4	3	3	3	1	3	—	1	1
		F	24	—	1	3	2	2	2	2	1	1	4	5	1
35	Disseminated tuberculosis,*	T	31	—	—	—	—	—	—	—	—	—	—	—	—
		M	15	—	2	—	3	3	—	2	2	1	—	2	—
		F	16	3	—	3	2	1	—	3	3	—	—	—	1
36	Rickets,* . . . . .	T	20	—	—	—	—	—	—	—	—	—	—	—	—
		M	13	—	2	3	5	—	1	—	—	2	—	—	—
		F	7	—	—	2	1	—	—	2	—	—	2	—	—
37	Syphilis, . . . . .	T	281	—	—	—	—	—	—	—	—	—	—	—	—
		M	189	9	16	20	14	7	19	15	19	17	13	16	24
		F	92	12	5	11	6	9	5	3	5	7	8	11	10
38	Gonococcus infection, . .	T	13	—	—	—	—	—	—	—	—	—	—	—	—
		M	6	—	1	—	3	—	1	—	—	1	—	—	—
		F	7	2	—	1	—	—	1	1	—	1	—	1	—
39-45	Cancer and other malignant tumors (total).	T	4,112	—	—	—	—	—	—	—	—	—	—	—	—
		M	1,574	137	127	115	123	139	128	143	119	127	145	126	145
		F	2,538	199	173	228	223	209	206	249	224	218	210	190	209
39	Of the buccal cavity,* . .	T	153	—	—	—	—	—	—	—	—	—	—	—	—
		M	125	9	12	4	8	12	11	11	12	11	8	15	12
		F	28	3	2	1	7	—	4	1	3	—	3	1	3
40	Of the stomach, liver, . .	T	1,352	—	—	—	—	—	—	—	—	—	—	—	—
		M	649	63	51	57	44	53	54	60	43	50	64	50	60
		F	703	50	51	59	73	60	51	83	59	47	56	52	62
41	Of the peritoneum, intestines, rectum.	T	769	—	—	—	—	—	—	—	—	—	—	—	—
		M	306	27	25	24	30	26	26	33	19	21	31	23	21
		F	463	25	32	43	42	38	41	38	44	52	41	31	36
42	Of the female genital organs.	T	584	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	584	47	42	51	48	43	53	60	56	52	41	50	41
43	Of the breast,* . . . . .	T	462	—	—	—	—	—	—	—	—	—	—	—	—
		M	3	—	—	—	2	—	—	—	—	1	—	—	—
		F	459	47	32	38	28	40	30	46	37	40	46	34	41
44	Of the skin,* . . . . .	T	102	—	—	—	—	—	—	—	—	—	—	—	—
		M	58	2	7	5	3	8	8	6	3	2	2	5	7
		F	44	4	5	3	3	5	4	3	4	4	4	2	3
45	Of other organs or of organs not specified.	T	690	—	—	—	—	—	—	—	—	—	—	—	—
		M	433	36	32	25	36	40	29	33	42	42	40	33	45
		F	257	23	9	33	22	23	23	18	21	23	19	20	23

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
31	6 4	5 3	4 1	4 —	1 2	8 —	2 3	4 4	10 17	9 14	10 11	6 6	5 3	1 2	1 —	— —	— —	— —
32	— —	— —	— —	1 —	— —	— —	3 2	1 1	— 3	— 5	— 4	— 2	— 1	— 1	— 1	— —	— —	— —
33	— —	1 —	— —	1 —	— —	— 3	— —	2 —	— 3	— 1	2 2	— 1	— —	— 2	— —	— —	— —	— —
34	— 1 1	— 1 —	— 1 —	— — —	— 1 —	— 1 —	— 2 —	— 1 —	— 7 —	— 5 1	— 2 7	— — —	— 7 3	— 1 —	— 1 —	— — —	— — —	— — —
35	— 2 1	— 1 —	— 1 —	— — —	— — —	— — —	— 1 —	2 2 1	2 3 —	2 3 —	1 4 —	2 1 —	1 1 —	1 — —	— 1 —	— — —	— — —	— — —
36	6 5	6 1	— 1	— —	1 —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
37	44 32	2 1	2 —	1 1	— —	3 —	1 —	1 —	9 5	25 13	42 9	34 16	21 10	4 4	— 1	— —	— —	— —
38	3 2	— —	— —	— —	— —	— —	— —	— —	— 4	— —	2 —	— —	1 —	— 1	— —	— —	— —	— —
39-45	— 1	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
39	— —	— —	— —	— —	— —	— —	— —	— —	— —	— 1	12 3	35 7	33 6	33 3	11 7	— —	— —	— —
40	— —	— —	— —	— —	— —	— —	— —	— —	3 6	25 28	87 82	184 151	200 211	119 167	28 54	3 3	— —	— —
41	— 1	— —	— —	— —	— —	— —	— —	1 2	9 5	21 18	29 42	67 107	91 144	66 105	22 32	— 6	— —	— —
42	— —	— —	— —	— —	— —	— —	1 —	1 —	11 —	48 —	136 —	165 —	126 —	68 —	25 —	3 —	— —	— —
43	— —	— —	— —	— —	— —	— —	— —	— —	— 3	— 25	— 91	— 135	— 100	— 61	— 40	— 4	— —	— —
44	— —	— —	— —	— —	— —	— —	— —	— —	— —	— 1	— 1	— 13	— 16	— 13	— 13	— 7	— 1	— 5
45	— —	1 —	1 —	3 1	1 —	7 3	3 1	3 1	8 7	21 16	38 39	94 62	121 60	101 45	26 21	5 1	— —	— —

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	GENERAL DISEASES — Con.														
46	Other tumors (tumors of the female genital organs excepted).	T M F	15 4 11	- - 1	- - -	- - 2	- - 1	- 1 4	- 1 1	- - -	- - -	- - -	- 1 -	- - 2	- - -
47	Acute articular rheumatism,*	T M F	127 69 58	- 9 3	- 5 6	- 9 3	- 10 9	- 7 7	- 6 3	- 4 4	- 4 2	- 3 6	- 3 4	- 5 6	- 4 5
48	Chronic rheumatism and gout.	T M F	74 21 53	- 1 6	- 2 8	- 2 2	- 3 8	- 4 2	- 3 3	- 3 3	- - 2	- 1 6	- 2 4	- 2 3	- 1 6
49	Scurvy,*	T M F	4 1 3	- - -	- - -	- 1 1	- - -	- - 1	- - 1	- - -	- - -	- - -	- - -	- - -	- - -
50	Diabetes,*	T M F	633 269 364	- 27 30	- 22 28	- 25 37	- 25 42	- 20 20	- 21 30	- 24 35	- 15 30	- 14 20	- 27 30	- 21 38	- 28 24
51	Exophthalmic goiter, . . .	T M F	33 5 28	- - 1	- 1 4	- - 2	- 1 2	- 1 -	- 1 3	- - 2	- - 3	- - 3	- 1 4	- - 3	- - 3
52	Addison's disease,*	T M F	15 5 10	- - 1	- - 1	- 1 -	- - 1	- - 1	- 2 2	- - 1	- - -	- - 1	- 1 1	- - 1	- 1 -
53	Leukemia, . . . . .	T M F	63 40 23	- - 3	- 2 1	- 6 3	- 6 1	- 1 1	- 1 3	- 4 3	- 3 1	- 5 3	- 3 1	- 4 2	- 5 3
54	Anemia, . . . . .	T M F	299 111 188	- 14 16	- 6 13	- 9 16	- 7 21	- 12 14	- 12 19	- 8 16	- 10 18	- 9 18	- 11 15	- 6 12	- 7 10
55	Other general diseases, . .	T M F	63 37 26	- - 3	- 3 2	- 4 -	- 3 2	- 4 3	- 2 3	- 4 3	- 1 1	- 4 3	- 2 1	- 3 3	- 4 4
56	Alcoholism (acute or chronic).*	T M F	68 64 4	- 8 1	- 10 -	- 5 -	- 6 2	- 7 -	- 5 -	- 4 1	- 2 -	- 4 -	- 4 -	- 3 -	- 6 -
57	Chronic lead poisoning, . .	T M F	9 9 -	- 1 -	- - -	- 2 -	- 1 -	- - -	- - -	- - -	- - -	- 2 -	- 1 -	- 1 -	- 1 -
58	Other chronic occupation poisonings.	T M F	2 1 1	- - -	- - -	- - -	- - -	- - -	- - -	- 1 -	- - -	- - -	- - -	- 1 -	- - -
59	Other chronic poisonings, .	T M F	6 3 3	- - -	- - -	- - -	- 1 -	- 1 1	- - -	- - -	- 1 1	- - -	- - -	- - -	- 1 -
II.	DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF THE SPECIAL SENSE.	T M F	5,733 2,608 3,125	- 251 274	- 235 277	- 247 306	- 255 297	- 226 279	- 200 252	- 196 242	- 204 216	- 171 229	- 186 221	- 201 253	- 236 279
60	Encephalitis, . . . . .	T M F	87 48 39	- 4 3	- 1 3	- 4 4	- 8 2	- 7 6	- 5 6	- 2 1	- 4 3	- 2 3	- 5 2	- 4 5	- 2 1

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.



EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — CON.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
46	-	-	1	-	-	-	-	-	1	1	4	1	2	-	-	-	-	-
47	-	2	1	1	2	14	4	8	2	9	10	6	8	1	2	-	-	-
48	1	-	-	-	-	1	-	-	-	4	4	3	3	4	1	-	-	-
49	1	1	-	-	-	-	-	-	1	-	2	7	14	17	10	2	-	-
50	-	-	2	2	2	7	6	12	15	20	33	48	65	45	11	1	-	-
51	1	1	1	1	-	2	6	6	17	20	30	79	107	71	20	2	-	-
52	-	-	-	-	-	-	-	-	1	2	1	-	-	-	-	-	-	-
53	2	-	1	-	1	3	1	3	4	4	7	8	5	2	-	-	-	-
54	1	2	1	1	1	1	1	2	1	7	20	28	32	10	5	1	-	-
55	-	-	-	-	-	-	3	3	9	15	34	43	52	20	5	-	-	-
56	10	6	7	2	-	-	-	2	-	2	-	2	2	1	-	-	-	-
57	-	-	-	-	1	1	-	-	2	3	1	2	1	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	10	20	18	7	3	-	-	-	-
59	-	-	-	-	-	-	-	-	-	2	-	5	1	1	-	-	-	-
60	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-
II.	151	46	16	17	11	35	21	27	75	98	209	410	582	582	294	32	1	1
60	86	43	18	8	11	29	19	14	62	77	227	412	693	845	529	50	2	-
	8	4	1	1	1	2	-	1	7	6	7	6	2	2	-	-	-	-
	1	6	1	1	-	-	2	1	3	3	10	4	4	2	1	-	-	-

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
II.	DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF THE SPECIAL SENSE — Con.														
61	Meningitis (total), . . .	T M F	325 186 139	- 21 7	- 15 10	- 19 15	- 32 15	- 13 18	- 13 16	- 15 10	- 12 11	- 9 12	- 13 7	- 10 8	- 14 10
61a	Simple meningitis, . . .	T M F	137 66 71	- 7 3	- 6 2	- 7 8	- 13 9	- 3 9	- 2 6	- 5 8	- 2 7	- 4 5	- 8 3	- 3 6	- 6 5
61b	Cerebrospinal meningitis (undefined).	T M F	117 72 45	- 8 2	- 5 5	- 5 3	- 11 2	- 5 8	- 7 9	- 6 2	- 10 4	- 3 5	- 3 2	- 5 1	- 4 2
61c	Cerebrospinal fever, . . .	T M F	71 48 23	- 6 2	- 4 3	- 7 4	- 8 4	- 5 1	- 4 1	- 4 -	- 2 -	- 2 2	- 2 2	- 2 1	- 4 3
62	Locomotor ataxia,* . . .	T M F	70 54 16	- 3 1	- 4 3	- 3 1	- 6 1	- 3 1	- 10 1	- 4 -	- 4 1	- 4 2	- 4 3	- 5 1	- 4 1
63	Other diseases of the spinal cord (total).	T M F	191 98 93	- 6 7	- 5 7	- 8 4	- 6 11	- 16 9	- 7 6	- 8 10	- 12 7	- 12 11	- 3 3	- 6 9	- 8 9
63a	Acute anterior poliomyeli- tis.*	T M F	15 11 4	- 1 1	- - -	- 1 -	- 2 -	- 2 -	- 1 -	- - 1	- 1 1	- - 1	- 1 -	- 2 -	- - -
63b	Other diseases of the spinal cord.	T M F	176 87 89	- 5 6	- 5 7	- 7 4	- 4 11	- 14 9	- 6 6	- 8 9	- 11 6	- 12 10	- 3 3	- 4 9	- 8 9
64	Cerebral hemorrhage, apo- plexy.*	T M F	4,258 1,768 2,490	- 177 228	- 156 230	- 175 243	- 165 236	- 158 215	- 130 188	- 131 196	- 135 169	- 118 180	- 127 183	- 135 201	- 161 221
65	Softening of the brain, . . .	T M F	14 6 8	- 1 -	- 1 -	- 1 1	- - 2	- - -	- 1 1	- 2 -	- - 1	- 1 1	- - 1	- 1 -	- - -
66	Paralysis without specified cause.	T M F	189 92 97	- 6 8	- 14 9	- 3 8	- 10 8	- 5 4	- 7 11	- 8 7	- 7 6	- 6 5	- 8 6	- 7 15	- 11 10
67	General paralysis of the in- sane.*	T M F	146 110 36	- 8 2	- 10 1	- 10 5	- 9 1	- 7 6	- 6 2	- 14 3	- 10 2	- 5 2	- 11 1	- 11 6	- 9 5
68	Other forms of mental alien- ation.	T M F	15 3 12	- 1 3	- - 1	- - -	- - -	- - 1	- 1 3	- - 1	- - 1	- 1 -	- - 1	- 1 1	- - -
69	Epilepsy, . . . . .	T M F	122 71 51	- 9 3	- 12 3	- 6 9	- 6 6	- 2 5	- 10 4	- 3 3	- 5 2	- 6 4	- 3 3	- 4 3	- 5 6
70	Convulsions (nonpuerperal),	T M F	4 2 2	- - 1	- - -	- - -	- - -	- - -	- - 1	- - -	- 1 -	- - -	- - -	- - -	- 1 -
71	Convulsions of infants, . . .	T M F	91 52 39	- 5 5	- 4 5	- 8 2	- 4 3	- 4 5	- 3 4	- 2 3	- 5 5	- 1 1	- 3 1	- 7 1	- 6 4

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — CON.

[illegible]

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
II.	DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF THE SPECIAL SENSE — Con.														
72	Chorea,* . . . . .	T M F	2 — 2	— — —	— — —	— — —	— — 2	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
73	Neuralgia and neuritis, .	T M F	6 2 4	— — 1	— — —	— — —	— — 1	— — —	— — —	— 1 1	— — —	— — —	— — —	— — —	— 1 1
74	Other diseases of the nervous system.	T M F	129 64 65	— 10 5	— 7 5	— 5 7	— 7 6	— 5 5	— 5 7	— 3 4	— 5 6	— 4 7	— 4 4	— 4 2	— 5 7
75	Diseases of the eyes and their adnexa.*	T M F	5 2 3	— — —	— — —	— — —	— — —	— — —	— — —	— — 1	— — —	— — —	— — 1	— — —	— 2 1
76	Diseases of the ears,* . . .	T M F	79 50 29	— — —	— 6 —	— 5 7	— 2 3	— 6 4	— 2 2	— 5 4	— 4 3	— 2 1	— 4 5	— 7 1	— 7 3
III.	DISEASES OF THE CIRCULA- TORY SYSTEM.	T M F	8,896 4,333 4,563	— 477 501	— 405 440	— 424 432	— 356 403	— 382 391	— 337 347	— 310 327	— 283 280	— 321 288	— 320 337	— 350 380	— 368 437
77	Pericarditis, . . . . .	T M F	38 26 12	— 2 1	— 3 —	— 3 —	— 2 4	— 5 1	— 4 2	— 1 1	— 1 —	— — —	— 2 1	— 2 1	— 1 1
78	Acute endocarditis,* . . .	T M F	414 198 216	— 27 23	— 18 24	— 15 9	— 16 20	— 15 18	— 18 12	— 11 20	— 18 15	— 16 13	— 12 14	— 21 25	— 11 23
79	Organic diseases of the heart.*	T M F	6,031 2,893 3,138	— 331 358	— 266 304	— 274 304	— 248 276	— 258 280	— 221 240	— 202 227	— 182 183	— 209 190	— 219 235	— 226 261	— 257 280
80	Angina pectoris,* . . . .	T M F	458 253 205	— 17 26	— 26 15	— 32 17	— 24 24	— 21 17	— 19 14	— 15 8	— 11 14	— 16 7	— 27 19	— 21 15	— 24 29
81	Diseases of the arteries, ath- eroma, aneurism, etc.	T M F	1,691 826 865	— 88 87	— 76 88	— 87 89	— 57 68	— 72 64	— 62 71	— 70 60	— 66 58	— 71 70	— 49 53	— 67 66	— 61 91
82	Embolism and thrombosis,*	T M F	163 78 85	— 7 4	— 8 8	— 3 9	— 4 6	— 3 8	— 11 4	— 6 10	— 2 5	— 5 5	— 7 9	— 11 7	— 11 10
83	Diseases of the veins (va- rices, hemorrhoids, phle- bitis, etc.)	T M F	21 10 11	— — —	— 2 —	— 2 —	— 2 1	— 1 1	— — —	— 2 —	— 1 2	— 1 1	— — 2	— 1 2	— — —
84	Diseases of the lymphatic system (lymphangitis, etc.)*	T M F	64 43 21	— 5 —	— 5 —	— 7 —	— 3 4	— 7 2	— 2 2	— 3 —	— 1 3	— 3 2	— 2 2	— 2 3	— 3 3
85	Hemorrhage; other diseases of the circulatory system.*	T M F	16 6 10	— — 2	— 1 1	— 1 2	— — —	— 1 —	— — 2	— — —	— 1 —	— 1 —	— 1 2	— — 1	— — —

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
74	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	-	-
75	6	2	-	-	1	5	3	3	10	11	9	8	3	2	1	-	-	-
76	-	2	-	1	1	4	2	-	6	9	17	5	9	5	3	1	-	-
77	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
78	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
79	19	8	1	1	1	1	3	2	5	3	4	1	1	-	-	-	-	-
80	7	1	4	-	1	3	1	1	4	1	1	3	1	1	-	-	-	-
81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82	54	7	5	8	7	29	38	37	84	176	319	597	1,028	1,203	642	99	-	-
83	26	6	5	6	6	41	41	42	93	171	300	493	952	1,299	912	161	7	2
84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85	-	-	1	-	-	2	-	2	1	4	3	6	5	1	1	-	-	-
86	-	-	-	-	-	-	-	1	1	1	1	1	2	3	2	-	-	-
87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
			Total.	MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
IV.	DISEASES OF THE RESPIRATORY SYSTEM.	T M F	6,313 3,272 3,041	641 470 462	470 462 379	462 379 260	379 260 130	260 130 91	130 91 78	91 78 114	78 114 163	114 163 173	163 173 311	173 311 272	311 272 272
86	Diseases of the nasal fossæ,*	T M F	2 - 2	- - 1	- - -	- - -	- - -	- - 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -
87	Diseases of the larynx,*	T M F	28 14 14	- 1 1	- 1 4	- 1 2	- 2 2	- 1 -	- 1 -	- - -	- - -	- - 1	- 1 2	- 1 2	- 7 2
88	Diseases of the thyroid body.*	T M F	14 2 12	- - -	- - 2	- - 2	- - 1	- - 2	- - 1	- - 2	- - 1	- 1 -	- - 1	- - -	- 1 -
89	Acute bronchitis,	T M F	477 253 224	- 29 38	- 44 28	- 46 48	- 33 23	- 18 18	- 10 7	- 8 5	- 4 4	- 8 4	- 6 19	- 16 14	- 31 16
90	Chronic bronchitis,*	T M F	217 94 123	- 11 18	- 3 20	- 13 15	- 11 15	- 11 11	- 5 3	- 10 3	- 1 4	- 9 5	- 10 8	- 3 5	- 7 16
91	Broncho-pneumonia,	T M F	2,665 1,346 1,319	- 214 214	- 186 182	- 198 203	- 164 159	- 107 114	- 48 45	- 36 31	- 39 32	- 56 50	- 82 70	- 78 88	- 138 131
92	Pneumonia (total),	T M F	2,614 1,393 1,221	- 367 361	- 218 148	- 186 170	- 153 142	- 107 77	- 54 32	- 27 19	- 26 25	- 31 30	- 50 56	- 62 65	- 112 96
92a	Lobar pneumonia,*	T M F	2,530 1,347 1,183	- 364 353	- 208 142	- 177 167	- 150 138	- 104 77	- 50 30	- 27 19	- 24 25	- 29 28	- 47 53	- 59 58	- 108 93
92b	Pneumonia (undefined),	T M F	84 46 38	- 3 8	- 10 6	- 9 3	- 3 4	- 3 -	- 4 2	- - -	- 2 -	- 2 2	- 3 3	- 3 7	- 4 3
93	Pleurisy,*	T M F	145 91 54	- 8 6	- 7 6	- 12 4	- 7 7	- 11 3	- 7 5	- 4 3	- 7 3	- 4 5	- 7 4	- 10 2	- 7 6
94	Pulmonary congestion, pulmonary apoplexy.	T M F	80 34 46	- 6 8	- 4 11	- 3 4	- 4 4	- 1 6	- 2 -	- 4 -	- 1 1	- 1 2	- 4 1	- 1 5	- 3 4
95	Gangrene of the lung,*	T M F	1 1 -	- - -	- 1 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
96	Asthma,	T M F	30 16 14	- 3 3	- 2 2	- 2 1	- 3 1	- 1 -	- 1 -	- - 1	- - 1	- 3 2	- 1 1	- - 2	- 1 1
97	Pulmonary emphysema,*	T M F	9 6 3	- 1 -	- - -	- - -	- 1 2	- 1 -	- 1 -	- 1 1	- - -	- - -	- 1 -	- - -	- 1 -
98	Other diseases of the respiratory system (tuberculosis excepted).	T M F	31 22 9	- 1 2	- 4 1	- 1 -	- 3 2	- 2 -	- 2 -	- 1 1	- - 1	- 1 2	- 2 1	- 2 1	- 3 -

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.



EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
IV.	791 596	261 238	82 82	49 45	15 21	68 49	21 29	63 45	206 231	346 255	276 197	266 211	336 323	304 379	164 269	23 63	1 3	—
86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
87	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
89	158 101	30 22	6 9	3 5	1	2 2	—	1	1 1	—	—	4 2	8 10	19 28	17 28	3 9	1 1	—
90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
91	512 405	154 155	45 52	30 23	8 7	29 21	9 14	18 8	42 47	70 48	70 66	64 67	106 112	125 157	61 104	3 32	1	—
92	106 78	66 49	22 14	15 13	4 8	33 21	10 11	39 35	148 171	265 189	177 104	164 125	188 171	107 140	45 79	4 13	—	—
92 <sub>a</sub>	97 75	64 47	21 14	15 12	4 8	32 20	9 11	39 34	142 166	263 187	170 102	161 122	181 164	102 134	43 74	4 13	—	—
92 <sub>b</sub>	9 3	2 2	1 —	— 1	— —	1 1	1 —	— 1	6 5	2 2	7 2	3 3	7 7	5 6	2 5	—	—	—
93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
94	4 4	—	1 —	— —	— —	— —	1 —	— —	— 1	1 3	1 3	1 3	7 4	6 5	9 17	3 5	1	—
95	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
96	—	—	—	—	1	1	—	1	—	—	3	6	2	3	1	—	—	—
97	—	—	—	—	—	—	—	—	—	—	—	1	2	3	—	—	—	—
98	2	—	—	—	—	1	—	—	—	2	6	4	1	6	—	—	—	—

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
V.	DISEASES OF THE DIGESTIVE SYSTEM.	T M F	3,822 1,970 1,852	- 153 133	- 118 128	- 147 127	- 154 118	- 153 124	- 134 138	- 197 209	- 284 209	- 211 203	- 153 188	- 118 137	- 148 138
99	Diseases of the mouth and adnexa.*	T M F	16 8 8	- - 2	- 1 -	- 1 2	- 1 1	- - -	- 2 -	- - 2	- - -	- 1 -	- 1 1	- - -	- 1 -
100	Diseases of the pharynx,*	T M F	125 63 62	- 3 3	- 4 4	- 8 3	- 4 4	- 8 7	- 2 7	- 6 4	- 4 3	- 5 11	- 5 4	- 7 7	- 7 5
101	Diseases of the esophagus,*	T M F	3 2 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 2 -	- - 1	- - -
102	Ulcer of the stomach, .	T M F	137 89 48	- 10 7	- 5 9	- 11 3	- 7 2	- 6 4	- 9 7	- 6 2	- 8 3	- 9 5	- 7 2	- 3 3	- 8 1
103	Other diseases of the stomach (cancer excepted).	T M F	249 128 121	- 7 6	- 14 11	- 10 7	- 17 14	- 9 11	- 11 13	- 7 13	- 14 6	- 11 10	- 8 11	- 9 10	- 11 9
104	Diarrhea and enteritis (under 2 years).*	T M F	1,493 802 691	- 48 40	- 35 30	- 47 33	- 44 24	- 43 28	- 41 41	- 95 94	- 173 132	- 112 108	- 71 84	- 43 37	- 50 40
105	Diarrhea and enteritis (2 years and over).	T M F	370 178 192	- 14 14	- 12 9	- 13 16	- 10 10	- 16 14	- 14 18	- 21 24	- 27 14	- 20 23	- 14 24	- 9 8	- 8 18
106	Ankylostomiasis, .	T M F	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
107	Intestinal parasites, .	T M F	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
108	Appendicitis and typhlitis, .	T M F	391 204 187	- 27 16	- 13 10	- 16 19	- 17 14	- 21 11	- 15 13	- 24 19	- 19 13	- 20 18	- 10 16	- 10 17	- 12 21
109	Hernia and intestinal obstruction.	T M F	442 211 231	- 16 18	- 15 27	- 14 16	- 29 18	- 20 20	- 20 20	- 21 14	- 18 12	- 13 14	- 14 25	- 15 27	- 16 20
109a	Hernia, . . . .	T M F	194 91 103	- 6 9	- 6 11	- 5 9	- 15 12	- 9 9	- 9 8	- 8 6	- 7 3	- 7 8	- 6 10	- 6 11	- 7 7
109b	Intestinal obstruction, .	T M F	248 120 128	- 10 9	- 9 16	- 9 7	- 14 6	- 11 11	- 11 12	- 13 8	- 11 9	- 6 6	- 8 15	- 9 16	- 9 13
110	Other diseases of the intestines.	T M F	51 29 22	- 3 2	- 2 2	- 4 1	- 3 -	- 1 -	- 3 1	- 3 2	- 3 3	- 1 3	- 4 1	- 1 2	- 2 1
111	Acute yellow atrophy of the liver.*	T M F	13 11 2	- 1 -	- - 1	- 1 -	- 1 -	- - 1	- 1 -	- 1 -	- - -	- 1 -	- 2 -	- 1 -	- 2 -
112	Hydatid tumor of the liver,	T M F	1 1 -	- 1 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
V.	827 676	118 108	40 33	27 18	9 15	38 54	24 25	42 32	75 74	110 95	158 151	188 168	148 165	116 127	44 85	5 25	1 1	-
99	- 3 2	- - -	- - -	- - -	- - -	- - -	- 2 -	- - -	- - 1	- 1 -	- 2 -	- - -	- - -	- 1 3	- - -	- - -	- - -	- - -
100	- 4 3	- 8 6	- 6 2	- 6 1	- 3 7	- 10 11	- 3 6	- 2 2	- 5 8	- 3 7	- 4 2	- 4 -	- 3 1	- 2 4	- - 2	- - -	- - -	- - -
101	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 1 -	- - -	- 1 1	- - -	- - -	- - -
102	- 1 -	- - -	- - 1	- - -	- - -	- - -	- - -	- 1 -	- 5 2	- 23 8	- 19 11	- 18 8	- 16 9	- 6 6	- - 2	- - 1	- - -	- - -
103	- 68 49	- 11 5	- 4 3	- 1 1	- - 1	- 1 3	- - -	- 2 -	- 1 -	- 3 2	- 3 7	- 11 7	- 6 9	- 12 14	- 4 15	- - 4	- 1 1	- - -
104	- 712 601	- 90 90	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
105	- - -	- - -	- 27 24	- 15 13	- 3 5	- 6 11	- 3 2	- 1 3	- 4 8	- 15 7	- 20 20	- 17 12	- 31 22	- 23 29	- 13 27	- 9 -	- - -	- - -
106	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
107	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
108	- - -	- 1 3	- 3 3	- 3 2	- 2 2	- 14 19	- 11 15	- 28 24	- 40 28	- 31 28	- 38 28	- 30 21	- 3 12	- 3 2	- - -	- - -	- - -	- - -
109	- 32 19	- 6 3	- 3 -	- 1 -	- - -	- 3 5	- 5 1	- 5 1	- 16 10	- 13 20	- 19 35	- 35 39	- 23 42	- 30 31	- 17 19	- 3 6	- - -	- - -
109a	- 5 2	- - -	- - -	- 1 -	- - -	- 1 -	- - -	- - -	- 6 1	- 6 5	- 11 19	- 20 24	- 15 31	- 15 16	- 8 4	- 3 1	- - -	- - -
109b	- 27 17	- 6 3	- 3 -	- - -	- - -	- 2 5	- 5 1	- 5 1	- 10 9	- 7 15	- 8 16	- 15 15	- 8 11	- 15 15	- 9 15	- 5 -	- - -	- - -
110	- - -	- - -	- - -	- 1 -	- - -	- - -	- - -	- 1 -	- 1 2	- 1 4	- 9 4	- 8 4	- 5 3	- 2 2	- 1 1	- - 1	- - -	- - -
111	- 1 -	- - -	- - -	- - -	- - -	- - -	- - -	- 1 -	- 1 -	- 4 1	- 1 -	- 1 -	- 1 1	- 1 -	- - -	- - -	- - -	- - -
112	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 1 -	- - -	- - -	- - -	- - -	- - -

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
V.	DISEASES OF THE DIGESTIVE SYSTEM — Con.														
113	Cirrhosis of the liver,*	T	181	—	—	—	—	—	—	—	—	—	—	—	—
		M	130	13	7	13	7	12	10	6	13	14	5	13	17
		F	51	4	2	5	5	9	4	6	3	4	1	4	4
114	Biliary calculi,*	T	181	—	—	—	—	—	—	—	—	—	—	—	—
		M	51	5	6	2	3	6	3	3	4	1	8	3	7
		F	130	9	13	12	18	11	7	19	11	3	7	10	10
115	Other diseases of the liver,	T	99	—	—	—	—	—	—	—	—	—	—	—	—
		M	35	1	—	3	9	4	3	4	1	—	2	3	5
		F	64	6	9	6	5	3	6	3	4	3	8	4	7
116	Diseases of the spleen,	T	3	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	3	—	—	1	—	—	—	—	1	1	—	—	—
117	Simple peritonitis (nonpuer- peral).	T	46	—	—	—	—	—	—	—	—	—	—	—	—
		M	16	2	2	1	1	4	—	—	1	3	—	1	1
		F	30	3	1	2	2	2	1	6	4	1	4	2	2
118	Other diseases of the diges- tive system (cancer and tuberculosis excepted).	T	21	—	—	—	—	—	—	—	—	—	—	—	—
		M	12	2	2	3	1	3	—	—	—	—	—	—	1
		F	9	3	—	1	1	—	—	1	—	2	—	1	—
VI.	NONVENEREAL DISEASES OF THE GENITO-URINARY SYS- TEM AND ADNEXA.	T	4,273	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,203	225	212	216	201	194	162	174	145	139	149	190	196
		F	2,070	181	178	197	178	179	156	136	162	149	186	165	203
119	Acute nephritis,	T	304	—	—	—	—	—	—	—	—	—	—	—	—
		M	155	9	16	16	16	13	11	19	10	11	7	13	14
		F	149	6	20	17	17	17	15	8	7	10	10	7	15
120	Bright's disease,*	T	3,368	—	—	—	—	—	—	—	—	—	—	—	—
		M	1,724	181	166	166	157	158	127	136	114	110	117	139	153
		F	1,644	154	142	153	134	140	120	109	133	115	142	143	159
121	Chyluria,*	T	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
122	Other diseases of the kidneys and adnexa.	T	71	—	—	—	—	—	—	—	—	—	—	—	—
		M	35	5	4	3	3	2	—	1	3	—	4	5	5
		F	36	3	3	2	4	1	2	—	4	4	5	3	5
123	Calculi of urinary passages,*	T	29	—	—	—	—	—	—	—	—	—	—	—	—
		M	13	2	—	1	1	—	1	—	3	3	2	—	—
		F	16	—	—	2	1	2	2	2	1	2	4	—	—
124	Diseases of the bladder,*	T	88	—	—	—	—	—	—	—	—	—	—	—	—
		M	65	7	8	7	7	1	7	5	4	4	4	7	4
		F	23	1	2	3	3	1	2	1	1	1	4	1	3
125	Diseases of the urethra, uri- nary abscess, etc.*	T	8	—	—	—	—	—	—	—	—	—	—	—	—
		M	6	—	—	1	—	2	1	1	—	—	1	—	—
		F	2	—	—	—	1	—	—	—	—	—	—	1	—
126	Diseases of the prostate,*	T	194	—	—	—	—	—	—	—	—	—	—	—	—
		M	194	21	16	22	16	18	13	10	10	11	14	24	19
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
127	Nonvenereal diseases of the male genital organs.*	T	11	—	—	—	—	—	—	—	—	—	—	—	—
		M	11	—	2	—	1	—	2	2	1	—	—	2	1
		F	—	—	—	—	—	—	—	—	—	—	—	—	—

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int- List No.	AGE OF DECEDENTS (YEARS) — CON.																		100 and over.	Unknown.
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.				
113	-	1	-	-	1	1	-	-	-	6	25	34	38	19	4	1	-			
114	-	-	-	-	-	-	1	-	2	1	11	18	12	5	1	-	-			
115	-	2	-	-	-	-	-	-	-	5	4	8	6	5	3	1	-			
116	-	1	-	1	-	1	-	1	3	3	9	17	12	7	5	3	-			
117	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-			
118	4	-	-	-	-	-	-	1	-	2	2	-	-	5	-	-	-			
119	1	-	-	-	-	-	-	-	-	2	2	4	1	2	-	-	-			
VI.	27	8	1	3	4	16	12	19	62	112	228	358	565	500	262	24	-			
119	24	9	7	2	5	10	12	14	96	182	287	311	423	427	226	34	1			
120	8	2	1	2	2	9	6	4	16	22	26	18	17	11	9	2	-			
121	13	7	4	2	2	6	6	5	16	16	14	25	12	9	10	2	-			
122	6	4	-	-	2	6	5	13	44	83	195	313	469	401	170	13	-			
123	5	1	3	-	2	3	5	7	46	105	199	253	384	397	206	27	1			
124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
126	4	1	-	1	-	1	1	2	1	4	2	4	6	6	2	2	-			
127	5	1	-	-	1	1	-	1	5	8	4	7	1	2	-	-	-			
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
131	2	-	-	-	-	-	-	-	-	2	2	6	10	17	20	5	1			
132	-	-	-	-	-	-	-	-	-	-	4	1	4	5	5	4	-			
133	-	-	-	-	-	-	-	-	-	-	1	1	3	-	-	-	-			
134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
135	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-			
136	-	-	-	-	-	-	-	-	-	-	1	13	56	61	58	4	-			
137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
138	7	1	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-			

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
			Total.	MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
VI.	NONVENEREAL DISEASES OF THE GENITO-URINARY SYS- TEM AND ADNEXA — Con.														
128	Uterine hemorrhage (non- puerperal).	T M F	4 — 4	— — —	— — —	— — 1	— — 1	— — 1	— — —	— — —	— — —	— — 1	— — —	— — —	— — —
129	Uterine tumor (noncancer- ous).*	T M F	72 — 72	— — 8	— — 3	— — 11	— — 5	— — 5	— — 5	— — 9	— — 7	— — 4	— — 9	— — 3	— — 3
130	Other diseases of the uterus, *	T M F	30 — 30	— — 1	— — 3	— — 2	— — 1	— — 2	— — 2	— — 1	— — 1	— — 3	— — 4	— — 3	— — 7
131	Cysts and other tumors of the ovary.	T M F	26 — 26	— — 1	— — 2	— — 2	— — 2	— — 2	— — 1	— — 1	— — 4	— — 1	— — 4	— — 1	— — 5
132	Salpingitis and other dis- eases of the female genital organs.	T M F	65 — 65	— — 7	— — 3	— — 4	— — 7	— — 7	— — 7	— — 5	— — 4	— — 8	— — 4	— — 3	— — 6
133	Nonpuerperal diseases of the breast (cancer excepted).*	T M F	3 — 3	— — —	— — —	— — —	— — 2	— — 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —
VII.	THE PUERPERAL STAGE.	T M F	622 — 622	— — 106	— — 59	— — 63	— — 57	— — 37	— — 31	— — 42	— — 46	— — 39	— — 37	— — 49	— — 56
134	Accidents of pregnancy,*	T M F	110 — 110	— — 37	— — 20	— — 13	— — 3	— — 3	— — 3	— — 8	— — 7	— — 5	— — 4	— — 1	— — 6
135	Puerperal hemorrhage,*	T M F	67 — 67	— — 8	— — 7	— — 7	— — 4	— — 1	— — 6	— — 4	— — 6	— — 3	— — 6	— — 7	— — 8
136	Other accidents of labor,*	T M F	86 — 86	— — 32	— — 9	— — 8	— — 5	— — 3	— — 6	— — 4	— — 3	— — 4	— — 1	— — 6	— — 5
137	Puerperal septicemia,*	T M F	163 — 163	— — 13	— — 11	— — 12	— — 28	— — 12	— — 2	— — 13	— — 14	— — 12	— — 10	— — 15	— — 21
138	Puerperal albuminuria and convulsions.*	T M F	129 — 129	— — 12	— — 9	— — 15	— — 12	— — 13	— — 11	— — 7	— — 11	— — 11	— — 12	— — 7	— — 9
139	Puerperal phlegmasia alba dolens, embolus, sudden death.*	T M F	66 — 66	— — 4	— — 3	— — 8	— — 5	— — 5	— — 3	— — 6	— — 5	— — 4	— — 4	— — 13	— — 6
140	Following childbirth (not otherwise defined).*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
141	Puerperal diseases of the breast.*	T M F	1 — 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — 1

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.



EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-	-	-	-
130	-	-	-	-	-	-	1	-	7	10	27	10	7	6	4	1	-	-
131	-	-	-	-	-	-	-	-	6	10	5	3	5	-	-	-	-	-
132	-	-	-	-	-	-	-	-	1	3	7	6	3	5	1	-	-	-
133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII.	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
	-	-	-	-	-	-	-	18	280	278	46	-	-	-	-	-	-	-
134	-	-	-	-	-	-	-	-	5	59	42	4	-	-	-	-	-	-
135	-	-	-	-	-	-	-	-	-	23	39	5	-	-	-	-	-	-
136	-	-	-	-	-	-	-	-	2	40	40	4	-	-	-	-	-	-
137	-	-	-	-	-	-	-	6	76	70	11	-	-	-	-	-	-	-
138	-	-	-	-	-	-	-	4	55	54	16	-	-	-	-	-	-	-
139	-	-	-	-	-	-	-	1	27	32	6	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
VIII.	DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.	T M F	169 109 60	- 10 3	- 7 8	- 13 4	- 8 8	- 5 3	- 7 7	- 10 3	- 7 6	- 10 3	- 16 2	- 8 6	- 8 7
142	Gangrene, . . . . .	T M F	48 28 20	- 3 -	- 1 4	- 4 2	- - 5	- 1 1	- - 2	- 1 -	- 5 -	- 2 1	- 5 1	- 3 2	- 3 2
143	Furuncle, . . . . .	T M F	44 35 9	- 5 1	- 2 -	- 1 1	- 2 1	- 2 -	- 3 3	- 4 1	- 2 2	- 2 -	- 6 -	- 2 -	- 4 -
144	Acute abscess, . . . . .	T M F	52 31 21	- 2 1	- 3 3	- 6 1	- 6 2	- 2 1	- 3 2	- 2 1	- -	- 3 2	- 2 -	- 1 3	- 1 4
145	Other diseases of the skin and adnexa.*	T M F	25 15 10	- -	- 1 1	- 2 -	- -	- -	- 1 -	- 3 1	- -	- 3 2	- 3 1	- 2 1	- -
IX.	DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.	T M F	88 56 32	- 6 4	- 3 5	- 7 1	- 4 4	- 7 6	- 5 4	- 3 1	- 5 3	- 4 1	- 3 1	- 2 -	- 7 2
146	Diseases of the bones (tuber- culosis excepted).*	T M F	80 52 28	- 5 3	- 3 5	- 7 1	- 3 3	- 6 6	- 4 2	- 3 1	- 5 3	- 4 1	- 3 1	- 2 -	- 7 2
147	Diseases of the joints (tuber- culosis and rheumatism excepted).*	T M F	7 3 4	- -	- -	- -	- 1 1	- -	- 1 2	- -	- -	- -	- -	- -	- -
148	Amputations, . . . . .	T M F	- - -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
149	Other diseases of the organs of locomotion.	T M F	1 1 -	- 1 -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
X.	MALFORMATIONS.*	T M F	727 396 331	- 38 36	- 41 31	- 48 39	- 42 26	- 33 24	- 22 21	- 19 25	- 21 23	- 30 26	- 41 29	- 25 22	- 36 29
150	Congenital malformations (stillbirths not included).*	T M F	727 396 331	- 38 36	- 41 31	- 48 39	- 42 26	- 33 24	- 22 21	- 19 25	- 21 23	- 30 26	- 41 29	- 25 22	- 36 29
150a	Hydrocephalus,* . . . . .	T M F	40 23 17	- 2 3	- 1 -	- 5 3	- 2 2	- -	- 1 1	- 2 3	- 1 1	- 3 -	- 2 1	- 1 1	- 3 2
150b	Congenital malformations of the heart.*	T M F	454 259 195	- 21 25	- 29 19	- 36 24	- 31 16	- 21 13	- 13 15	- 8 12	- 15 15	- 20 14	- 26 16	- 19 12	- 20 14
150c	Other congenital malfor- mations.	T M F	233 114 119	- 15 8	- 11 12	- 7 12	- 9 8	- 12 11	- 8 5	- 9 10	- 5 7	- 7 12	- 13 12	- 5 9	- 13 13
XI.	EARLY INFANCY.	T M F	2,839 1,631 1,208	- 173 136	- 154 113	- 132 95	- 147 94	- 132 85	- 118 86	- 126 80	- 120 80	- 113 93	- 131 110	- 137 97	- 148 139
151	Congenital debility, icterus and sclerema.	T M F	2,048 1,168 880	- 130 102	- 100 84	- 98 72	- 100 68	- 94 55	- 86 69	- 88 51	- 83 59	- 84 76	- 97 81	- 102 72	- 101 91

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.



Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XI.	EARLY INFANCY — Con.														
151a	Premature birth,*	T	1,435	—	—	—	—	—	—	—	—	—	—	—	—
		M	819	90	72	68	69	71	65	56	65	54	65	71	73
		F	616	67	60	45	53	36	51	37	40	49	62	49	67
151b	Congenital debility, "atrophy," "marasmus," etc.	T	613	—	—	—	—	—	—	—	—	—	—	—	—
		M	349	40	28	30	31	23	21	32	23	30	32	31	28
		F	264	35	24	27	15	19	18	14	19	27	19	23	24
152	Other causes peculiar to early infancy.	T	787	—	—	—	—	—	—	—	—	—	—	—	—
		M	460	43	54	34	46	38	31	37	32	29	34	35	47
		F	327	34	29	23	26	30	16	29	21	17	29	25	48
152a	Injuries at birth,*	T	371	—	—	—	—	—	—	—	—	—	—	—	—
		M	222	23	24	10	22	21	14	20	13	16	19	21	19
		F	149	6	12	15	14	18	7	14	11	6	17	9	20
152b	Other causes peculiar to early infancy.	T	416	—	—	—	—	—	—	—	—	—	—	—	—
		M	238	20	30	24	24	17	17	19	19	13	15	14	28
		F	178	28	17	8	12	12	9	15	10	11	12	16	28
153	Lack of care,*	T	4	—	—	—	—	—	—	—	—	—	—	—	—
		M	3	—	—	—	1	—	1	1	—	—	—	—	—
		F	1	—	—	—	—	—	1	—	—	—	—	—	—
XII.	OLD AGE.														
		T	210	—	—	—	—	—	—	—	—	—	—	—	—
		M	58	6	8	5	5	3	3	5	6	4	4	5	4
		F	152	19	14	12	16	3	11	9	18	17	15	10	8
154	Senility,	T	210	—	—	—	—	—	—	—	—	—	—	—	—
		M	58	6	8	5	5	3	3	5	6	4	4	5	4
		F	152	19	14	12	16	3	11	9	18	17	15	10	8
XIII.	EXTERNAL CAUSES.														
		T	3,242	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,255	187	175	165	188	202	203	206	204	159	182	163	221
		F	987	107	88	74	80	90	82	83	72	61	76	76	98
155-163	Suicide (total),	T	445	—	—	—	—	—	—	—	—	—	—	—	—
		M	292	22	27	29	32	32	32	22	21	14	22	19	20
		F	153	11	11	10	17	14	16	15	19	10	7	9	14
155	By poison,	T	37	—	—	—	—	—	—	—	—	—	—	—	—
		M	18	4	1	1	4	1	2	1	2	—	2	—	—
		F	19	1	2	—	3	6	1	3	—	1	1	1	—
156	By asphyxia,	T	125	—	—	—	—	—	—	—	—	—	—	—	—
		M	62	3	7	7	9	6	3	3	2	6	9	4	3
		F	63	4	4	4	5	7	8	3	5	6	3	4	10
157	By hanging or strangulation.*	T	58	—	—	—	—	—	—	—	—	—	—	—	—
		M	40	3	3	5	5	7	5	2	3	1	1	3	2
		F	18	2	1	1	3	1	1	3	5	—	1	—	—
158	By drowning,*	T	51	—	—	—	—	—	—	—	—	—	—	—	—
		M	23	1	2	4	4	2	1	2	1	1	2	1	2
		F	28	2	1	4	5	—	1	3	4	2	1	3	2
159	By firearms,*	T	127	—	—	—	—	—	—	—	—	—	—	—	—
		M	116	7	11	10	8	14	17	9	11	5	7	10	7
		F	11	—	2	1	—	—	1	3	3	1	—	—	—
160	By cutting or piercing instruments.*	T	30	—	—	—	—	—	—	—	—	—	—	—	—
		M	26	3	2	2	—	1	4	5	2	1	1	1	4
		F	4	1	1	—	—	—	1	—	—	—	—	1	—

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int., List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
151a	819 616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151b	344 258	5 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152	460 327	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152a	222 149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152b	238 178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153	3 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XII.	-	-	-	-	-	-	-	-	-	-	-	-	2 6	12 32	30 73	14 39	-	-
154	-	-	-	-	-	-	-	-	-	-	-	-	2 6	12 32	30 73	14 39	2	-
XIII.	47 29	37 21	51 29	62 34	45 25	177 85	133 30	126 29	294 86	316 81	293 89	256 93	186 98	151 122	63 115	12 21	-	-
155- 163	-	-	-	-	-	-	1 1	9 5	41 29	55 29	60 29	59 22	39 23	17 10	9 5	1 -	-	-
155	-	-	-	-	-	-	-	-	1 4	6 9	7 1	4 2	- 1	-	-	-	-	-
156	-	-	-	-	-	-	-	3 1	5 7	9 11	12 15	15 10	11 12	5 3	2 4	-	-	-
157	-	-	-	-	-	-	1 1	1 1	1 4	6 2	9 2	9 2	8 6	4 1	1 -	-	-	-
158	-	-	-	-	-	-	-	-	4 1	3 6	5 4	5 5	2 2	2 2	1 -	-	-	-
159	-	-	-	-	-	-	-	4 1	25 4	24 1	20 1	22 2	12 1	4 -	4 1	1 -	-	-
160	-	-	-	-	-	-	-	1 -	2 1	5 1	6 -	4 -	5 1	2 1	1 -	-	-	-

Detailed Int. List No.	Table 55 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XIII.	EXTERNAL CAUSES — Con.														
161	By jumping from high places.*	T M F	10 4 6	- - 1	- 1 -	- - -	- - -	- 1 -	- - 2	- - -	- - 2	- - -	- - 1	- - -	- 2 -
162	By crushing,*	T M F	4 2 2	- - -	- - -	- - -	- 2 1	- - -	- - 1	- - -	- - -	- - -	- - -	- - -	- - -
163	Other suicides,*	T M F	3 1 2	- 1 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 2 -
164-181, 185, 186	Accidental or undefined (total).	T M F	2,695 1,882 813	- 157 92	- 141 76	- 130 62	- 146 63	- 163 74	- 167 65	- 175 67	- 176 50	- 133 51	- 159 67	- 140 66	- 195 80
164	Poisoning by food,	T M F	13 6 7	- - -	- - 1	- - -	- - 2	- 1 1	- 1 -	- 1 2	- 1 -	- 1 -	- - -	- 1 1	- - -
165	Other acute poisonings,	T M F	118 90 28	- 2 -	- 3 7	- 4 2	- 4 2	- 4 2	- - 1	- 3 3	- 4 1	- 1 3	- 1 1	- 6 1	- 58 5
166	Conflagration,*	T M F	21 15 6	- 2 -	- 1 3	- 1 -	- - -	- 1 -	- 2 -	- 2 -	- 1 -	- 1 -	- 1 -	- 1 -	- 2 1
167	Burns (conflagration excepted).*	T M F	296 135 161	- 10 32	- 14 16	- 16 13	- 13 11	- 7 17	- 8 3	- 10 10	- 9 8	- 11 2	- 13 8	- 10 12	- 14 29
168	Absorption of deleterious gases.*	T M F	207 139 68	- 26 13	- 16 7	- 16 4	- 10 7	- 8 6	- 5 2	- 2 2	- 4 3	- 4 3	- 15 6	- 16 8	- 17 7
169	Accidental drowning,*	T M F	292 251 41	- 28 6	- 10 1	- 14 2	- 17 3	- 31 1	- 36 3	- 44 9	- 33 5	- 17 4	- 7 2	- 5 1	- 9 4
170	Traumatism by firearms,	T M F	36 33 3	- 2 1	- 4 1	- 3 -	- - -	- 1 -	- 3 -	- 3 -	- 1 -	- 6 -	- 2 -	- 4 -	- 1 -
171	Traumatism by cutting or piercing instruments.	T M F	1 1 -	- - -	- - -	- - -	- - -	- 1 -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
172	Traumatism by fall,*	T M F	535 270 265	- 16 26	- 28 24	- 29 27	- 24 19	- 29 25	- 24 32	- 17 19	- 26 12	- 21 17	- 20 25	- 18 20	- 18 19
173	Traumatism in mines and quarries.*	T M F	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
174	Traumatism by machines,*	T M F	52 50 2	- 3 1	- 3 1	- 1 -	- 6 -	- 4 -	- 3 -	- 5 -	- 6 -	- 6 -	- 2 -	- 5 -	- 6 -
175	Traumatism by other crushing.	T M F	857 672 185	- 38 9	- 43 10	- 36 10	- 56 15	- 60 19	- 67 18	- 57 15	- 65 20	- 56 17	- 82 22	- 59 20	- 53 10

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

<sup>1</sup> Sixty-four deaths from wood-alcohol poisoning.



EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
161	-	-	-	-	-	-	-	-	2	1	-	-	1	-	-	-	-	-
	-	-	-	-	-	-	-	-	2	1	1	-	-	2	-	-	-	-
162	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
163	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
164- 181, 185, 186	40 25	37 21	50 29	62 32	45 25	175 85	131 29	109 23	232 51	238 48	224 58	193 69	145 75	132 112	53 110	11 21	-	5
164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	-	1	-	1	1	1	-	-	2	-	1	1	-	-	-	-
165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	2	1	1	-	1	1	-	12	24	27	11	6	-	1	-	-	-
	-	2	2	2	-	1	-	1	5	8	4	2	-	1	-	-	-	-
166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	1	-	2	2	-	-	3	-	2	1	2	1	-	-	-	-
	-	-	-	-	1	-	1	1	1	-	-	1	-	-	1	-	-	-
167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6	20	20	14	11	10	1	4	10	6	9	8	6	7	3	-	-	-
	1	9	18	17	14	28	2	2	8	5	17	10	15	7	7	1	-	-
168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17	-	1	1	-	2	-	5	8	25	15	26	19	17	3	-	-	-
	10	-	1	-	-	-	-	4	7	6	4	15	8	7	5	1	-	-
169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2	2	4	9	6	37	40	35	42	28	18	13	11	1	1	-	-	2
	3	3	3	2	-	6	6	2	8	3	4	-	-	1	-	-	-	-
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	2	12	7	8	2	1	1	-	-	-	-	-	-
	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-
171	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4	7	9	8	3	9	3	4	17	29	34	25	31	48	31	8	-	-
	2	5	1	5	2	6	3	2	2	10	5	17	28	71	88	18	-	-
173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	1	-	-	1	2	4	9	13	7	6	4	3	-	-	-	-
	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	4	8	23	21	99	63	47	91	71	77	72	48	37	8	1	-	2
	1	1	2	6	7	40	12	10	18	13	19	15	22	17	2	-	-	-

Detailed Int. List No.	Table 55  CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XIII.	EXTERNAL CAUSES — Con.														
175a	Railroad accidents and injuries.*	T M F	171 152 19	— 14 3	— 14 1	— 11 —	— 9 2	— 16 4	— 16 —	— 16 1	— 10 2	— 12 1	— 15 2	— 7 2	— 12 1
175b	Street-car accidents and injuries.*	T M F	73 56 17	— 4 1	— 7 1	— 1 4	— 5 2	— 6 1	— 2 1	— 1 1	— 8 —	— 7 1	— 5 4	— 3 —	— 7 1
175c	Automobile accidents and injuries.*	T M F	532 388 144	— 17 5	— 19 8	— 19 6	— 31 11	— 28 14	— 39 15	— 38 12	— 41 17	— 30 14	— 51 16	— 48 18	— 27 8
175d	Injuries by other vehicles.*	T M F	73 68 5	— 2 —	— 2 —	— 4 —	— 11 —	— 10 —	— 8 2	— 1 1	— 6 1	— 7 1	— 10 —	— — —	— 7 —
175e	Landslide, other crushing.*	T M F	8 8 —	— 1 —	— 1 —	— 1 —	— — —	— — —	— 2 —	— 1 —	— — —	— — —	— 1 —	— 1 —	— — —
176	Injuries by animals,*	T M F	10 10 —	— 1 —	— — —	— 1 —	— 1 —	— — —	— — —	— 3 —	— 3 —	— — —	— — —	— — —	— — —
177	Starvation,*	T M F	1 — 1	— — —	— — 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
178	Excessive cold,*	T M F	13 11 2	— 4 —	— 2 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— 2 —	— 1 —	— 2 2
179	Effects of heat,*	T M F	26 16 10	— — —	— — —	— — —	— — —	— 6 4	— 9 —	— 1 6	— — —	— — —	— — —	— — —	— — —
180	Lightning,*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
181	Electricity (lightning excepted).*	T M F	23 23 —	— 1 —	— — —	— — —	3 3 —	3 1 —	— 2 —	— 3 —	— 2 —	— 5 —	— 2 —	— 1 —	— — —
185	Fractures (cause not specified).	T M F	19 8 11	— 2 1	— 1 2	— 1 —	— — 1	— 1 —	— 1 —	— 1 —	— — —	— 2 —	— 2 —	— — —	— 1 1
186	Other external violence,	T M F	175 152 23	— 22 3	— 16 2	— 8 2	— 12 4	— 12 2	— 10 2	— 16 —	— 18 1	— 7 3	— 9 —	— 12 3	— 10 1
182-184	Homicide (total),*	T M F	102 81 21	— 8 4	— 7 1	— 6 2	— 10 —	— 7 2	— 4 1	— 9 1	— 7 3	— 12 —	— 1 2	— 4 1	— 6 4
182	By firearms,*	T M F	54 47 7	— 3 1	— 4 —	— 6 —	— 6 —	— 2 1	— 1 —	— 6 1	— 3 —	— 10 —	— 1 —	— 3 —	— 3 2
183	By cutting or piercing instruments.*	T M F	15 12 3	— 3 1	— — —	— — 1	— 2 —	— 2 —	— 2 —	— — —	— — —	— — —	— — —	— — —	— 1 1
184	By other means,*	T M F	33 22 11	— 2 2	— 3 1	— — 1	— 2 —	— 3 1	— 1 —	— 1 —	— 4 3	— 2 —	— 1 1	— 1 —	— 2 1

\* Acceptable statement of cause of death without autopsy. See pages 239 to 243.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
175a	-	-	-	2	2	7	10	13	23	26	24	25	13	6	1	-	-	-
	-	-	-	-	-	-	2	1	3	3	2	3	3	2	-	-	-	-
175b	-	1	1	3	3	4	4	3	5	2	7	10	6	4	3	-	-	-
	-	-	-	2	-	2	1	-	2	1	1	2	4	1	1	-	-	-
175c	-	3	4	16	10	83	42	24	49	36	38	32	-	-	-	-	-	-
	1	1	2	4	7	36	9	9	12	9	15	10	26	22	1	-	-	2
175d	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	3	2	6	4	7	6	14	6	8	2	2	4	3	1	-	-
	-	-	-	-	-	2	-	-	1	-	1	-	1	-	-	-	-	-
175e	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	1	-	1	-	1	-	3	1	1	-	-	-	-
176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	2	-	2	1	-	3	1	1	-	-	-	-
177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	-	-	-	-	-	-	1	3	1	1	1	1	1	-	-	1
179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	1	3	2	2	2	1	1	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	1	1	9	6	5	1	-	-	-	-	-	-
185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
	1	-	-	-	-	-	-	-	-	-	-	1	1	5	3	1	-	-
186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	2	4	5	2	11	6	2	20	27	22	21	13	11	3	-	-	-
	1	-	1	-	1	2	4	-	1	-	3	6	1	2	1	-	-	-
182-184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7	-	1	-	-	2	1	8	21	23	9	4	2	2	1	-	-	-
	4	-	-	2	-	-	-	1	6	4	2	2	-	-	-	-	-	-
182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	1	-	7	11	16	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	4	2	1	3	1	2	-	-	-	-
183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	1	-	-	5	3	3	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4	-	-	2	-	-	1	1	5	4	-	1	1	-	1	-	-	-

Detailed Int. List No.	Table 55	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XIV.	ILL-DEFINED DISEASES.	T	201	-	-	-	-	-	-	-	-	-	-	-	-
		M	114	23	9	11	14	14	9	7	4	6	3	7	7
		F	79	14	9	5	11	4	5	4	4	2	6	7	8
		Un.	8	-	-	1	-	1	-	1	1	-	2	-	2
187	Ill-defined organic disease, .	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
188	Sudden death, . . . .	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Not specified or ill-defined (total).	T	201	-	-	-	-	-	-	-	-	-	-	-	-
		M	114	23	9	11	14	14	9	7	4	6	3	7	7
		F	79	14	9	5	11	4	5	4	4	2	6	7	8
		Un.	8	-	-	1	-	1	-	1	1	-	2	-	2
189a	Ill-defined, . . . .	T	98	-	-	-	-	-	-	-	-	-	-	-	-
		M	53	14	3	8	4	9	2	1	1	2	1	2	6
		F	43	10	9	5	4	2	-	1	1	2	2	2	5
		Un.	2	-	-	1	-	-	-	-	-	-	-	-	1
189b	Not specified or unknown,	T	103	-	-	-	-	-	-	-	-	-	-	-	-
		M	61	9	6	3	10	5	7	6	3	4	2	5	1
		F	36	4	-	-	7	2	5	3	3	-	4	5	3
		Un.	6	-	-	-	-	1	-	1	1	-	2	-	1

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL  
AND BY AGE AND SEX: 1919 — CON.

Detailed Int. Last No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Un- known.
XIV.	- 40 28 1	- 4 5	- 3 1	- 1 2	- 2 1	- 4 3	- - 1	- 1 -	- 1 2	- 9 1	- 10 8	- 15 5	- 11 6	- 8 8	- 1 5	- 2 2	- 1 -	- 1 7
187	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
188	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
189	- 40 28 1	- 4 5	- 3 1	- 1 2	- 2 1	- 4 3	- 1 -	- 1 -	- 1 2	- 9 1	- 10 8	- 15 5	- 11 6	- 8 8	- 1 5	- 2 2	- 1 -	- 1 7
189 <sup>a</sup>	- 15 14 1	- 2 4	- 2 1	- - -	- - -	- - 2	- - 1	- - -	- 1 -	- 6 1	- 5 3	- 8 3	- 6 2	- 4 5	- 1 4	- 2 2	- - -	- 1 1
189 <sup>b</sup>	- 25 14 -	- 2 1 -	- 1 -	- 1 2	- 2 1	- 4 1	- - -	- 1 -	- - 2	- 3 -	- 5 5	- 7 2	- 5 4	- 4 3	- - 1	- - -	- - -	- 1 6

Abridged Int. List No.	Table 56	CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
			The State.	Abington.	Acton.	Acushnet.	Adams.	Agawam.	Alford.	Amesbury.	Amherst.	Andover.
		<b>All Causes.<sup>2</sup></b>	<b>52,345</b>	<b>61</b>	<b>25</b>	<b>39</b>	<b>133</b>	<b>41</b>	<b>4</b>	<b>132</b>	<b>69</b>	<b>91</b>
1		Typhoid fever (1), . . . . .	107	—	—	—	1	—	—	—	—	—
3		Malaria (4), . . . . .	4	—	—	—	—	—	—	—	—	—
4		Smallpox (5), . . . . .	2	—	—	—	—	—	—	—	—	—
5		Measles (6), . . . . .	183	—	—	—	—	—	—	—	—	—
6		Scarlet fever (7), . . . . .	122	—	—	—	1	—	—	—	—	—
7		Whooping cough (8), . . . . .	323	—	—	—	—	—	—	1	—	—
8		Diphtheria and croup (9), . . . . .	593	—	—	2	2	—	—	1	—	2
9		Influenza (10), . . . . .	2,872	3	2	2	4	2	—	8	1	7
(12)		Erysipelas (18), . . . . .	78	—	—	—	—	—	—	—	—	—
(12)		Other epidemic diseases (2, 3, 11-17, 19), . . . . .	51	—	—	—	—	1	—	1	—	—
13		Tuberculosis of the lungs (28, 29), . . . . .	4,221	3	—	3	10	3	—	10	1	2
14		Tuberculous meningitis (30), . . . . .	410	—	—	—	—	—	—	—	—	—
15		Other forms of tuberculosis (31-35), . . . . .	289	—	—	—	—	—	—	1	—	1
16		Cancer (39-45), . . . . .	4,112	5	4	2	9	3	1	15	5	3
(37)		Rheumatism (47, 48), . . . . .	201	—	—	—	—	—	—	—	1	—
(37)		Diabetes (50), . . . . .	633	—	1	2	4	—	—	2	2	1
17		Meningitis (61), . . . . .	325	—	—	—	—	—	—	2	—	—
(37)		Poliomyelitis (63a), . . . . .	15	—	—	—	—	—	—	—	—	—
18		Cerebral hemorrhage and softening (64, 65), . . . . .	4,272	10	3	7	7	4	—	27	6	13
(37)		Acute endocarditis (78), . . . . .	414	—	—	—	1	—	—	2	—	1
19		Organic diseases of the heart (79), . . . . .	6,031	12	5	1	21	2	2	12	12	25
(37)		Angina pectoris (80), . . . . .	458	—	—	—	1	—	—	1	1	—
(37)		Diseases of the arteries (81), . . . . .	1,691	5	1	5	1	2	—	1	7	3
20, 21		Bronchitis (89, 90), . . . . .	694	1	—	—	—	2	—	2	1	1
(23)		Broncho-pneumonia (91), . . . . .	2,665	1	1	2	8	3	—	4	5	5
22		Pneumonia (92), . . . . .	2,614	4	3	1	6	4	—	10	—	5
(23)		Other respiratory diseases (86-88, 93-98), . . . . .	340	—	—	—	1	—	—	—	—	—
24		Diseases of the stomach (102, 103), . . . . .	386	—	—	—	2	—	—	2	2	1
25		Diarrhea and enteritis (under 2 years) (104), . . . . .	1,493	1	—	—	7	—	—	—	—	2
26		Appendicitis (108), . . . . .	391	—	1	—	2	—	—	—	—	—
27		Hernia, intestinal obstruction (109), . . . . .	442	1	—	—	3	—	—	—	1	1
28		Cirrhosis of the liver (113), . . . . .	181	—	—	—	—	—	—	—	—	—
29		Nephritis and Bright's disease (119, 120), . . . . .	3,672	4	1	2	13	5	1	11	4	5
30		Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	197	—	—	1	1	—	—	—	—	—
31		Puerperal fever (137), . . . . .	163	—	—	—	1	—	—	—	—	—
32		Other puerperal affections (134-136, 138-141), . . . . .	459	—	—	—	—	—	—	—	—	—
33		Congenital debility and malformations (150, 151), . . . . .	2,775	2	—	1	12	1	—	6	4	4
34		Senility (154), . . . . .	210	1	1	—	1	1	—	—	1	—
(35)		Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	2,695	3	1	5	4	6	—	2	3	1
(35)		Burns (conflagration excepted) (167), . . . . .	296	—	—	—	—	—	—	—	—	—
(35)		Accidental drowning (169), . . . . .	292	—	—	—	—	4	—	—	1	—
(35)		Traumatism by fall (172), . . . . .	535	2	—	—	1	—	—	1	—	—
(35)		Railroad accidents and injuries (175a), . . . . .	171	1	—	—	—	—	—	—	1	—
(35)		Automobile accidents and injuries (175c), . . . . .	532	—	—	1	—	1	—	—	—	—
36		Suicide (155-163), . . . . .	445	—	—	—	—	—	—	—	—	2
(35)		Homicide (182-184), . . . . .	102	—	—	—	—	—	—	—	—	—
(37)		All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	4,813	3	1	2	10	2	—	11	11	5
38		Ill-defined or unknown causes (187-189), . . . . .	201	2	—	1	—	—	—	—	1	—

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.



## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919.

Abridged Int. List No.	Arlington.	Ashburnham.	Ashby.	Ashfield.	Ashland.	Athol.	ATTLEBORO.	Auburn.	Avon.	Ayer.	Barnstable.	Barre.	Becket.	Bedford.	Belchertown.	Bellingham.	Belmont.	Berkley.	Berlin.
	212	18	14	15	21	120	249	24	17	37	55	34	5	19	36	23	98	12	10
1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
7	4	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	1	-	-
8	-	-	-	-	-	2	1	-	-	1	-	-	-	1	1	-	-	-	-
9	7	-	2	1	1	7	21	-	1	1	6	2	-	1	3	-	3	1	-
(12)	2	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
(12)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
13	10	1	1	-	-	8	14	2	1	3	2	-	-	1	-	1	8	1	-
14	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-
15	2	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-
16	16	1	1	1	2	13	22	2	4	3	5	1	1	4	3	1	10	-	2
(37)	-	1	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-
(37)	3	-	1	-	-	2	2	-	-	1	-	-	-	-	1	1	-	-	-
17	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
(37)	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
18	16	6	1	6	1	21	30	-	-	3	7	4	-	2	6	1	17	1	2
(37)	3	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	1	-	-
19	29	3	1	5	3	13	29	2	1	5	3	8	-	6	4	5	15	2	3
(37)	4	-	-	-	-	-	3	1	-	-	5	-	-	-	1	-	-	-	-
(37)	10	-	-	-	-	1	2	3	-	7	3	-	-	-	2	-	4	3	1
20, 21	4	-	-	-	-	1	3	1	-	-	2	-	-	-	2	-	1	-	1
(23)	7	1	-	-	1	2	9	1	1	3	2	3	-	-	2	1	2	-	-
22	9	-	-	-	1	5	10	-	-	1	3	1	-	-	-	-	6	1	-
(23)	1	-	-	-	-	1	1	-	-	1	1	-	-	-	1	-	1	-	1
24	3	-	-	-	-	1	1	2	-	-	4	1	-	-	1	-	-	-	-
25	2	-	-	-	-	4	4	-	-	2	-	1	-	-	1	2	-	-	-
26	3	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
27	3	-	-	-	-	-	5	-	-	1	-	-	-	-	-	-	1	-	-
28	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-
29	17	2	2	-	5	14	22	4	2	-	3	2	1	2	2	2	6	1	-
30	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
31	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
32	4	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	1	-	-
33	12	1	-	-	1	3	15	2	1	-	1	-	2	-	-	2	7	-	-
34	1	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-
(35)	11	2	-	-	2	2	11	1	3	2	2	2	1	1	4	3	4	-	-
(35)	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-
(35)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	3	-	1	-	-
(35)	1	-	-	-	-	-	4	-	1	-	-	1	-	-	1	-	-	-	-
(35)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	3	-	-	-
(35)	6	1	-	-	-	-	4	-	2	1	1	-	1	-	-	-	-	-	-
36	3	-	-	1	-	1	-	-	-	1	1	-	-	1	-	-	-	-	-
(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	19	-	4	1	2	8	25	2	1	1	5	7	-	-	2	1	9	-	-
38	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 56	CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
			Barnardston.	Beverly.	Billerica.	Blackstone.	Blandford.	Bolton.	Boston.	Bourne.	Boxborough.	Boxford.
		<b>All Causes.<sup>2</sup></b>	<b>9</b>	<b>241</b>	<b>60</b>	<b>42</b>	<b>9</b>	<b>13</b>	<b>11,673</b>	<b>33</b>	<b>1</b>	<b>9</b>
1		Typhoid fever (1), . . . . .	-	-	-	-	-	-	19	-	-	-
3		Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4		Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5		Measles (6), . . . . .	-	-	-	-	-	-	27	1	-	-
6		Scarlet fever (7), . . . . .	-	-	-	-	-	-	31	-	-	-
7		Whooping cough (8), . . . . .	-	1	1	-	-	1	61	-	-	-
8		Diphtheria and croup (9), . . . . .	-	3	1	-	-	-	157	-	-	-
9		Influenza (10), . . . . .	-	10	7	2	-	1	726	-	-	-
(12)		Erysipelas (18), . . . . .	-	-	-	-	-	-	19	-	-	-
(12)		Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	-	-	-	-	11	-	-	-
13		Tuberculosis of the lungs (28, 29), . . . . .	-	11	2	2	-	-	975	7	-	-
14		Tuberculous meningitis (30), . . . . .	-	-	-	-	-	-	124	-	-	-
15		Other forms of tuberculosis (31-35), . . . . .	-	1	-	-	-	-	66	-	-	-
16		Cancer (39-45), . . . . .	2	28	2	3	1	-	899	2	-	1
(37)		Rheumatism (47, 48), . . . . .	-	1	-	-	-	-	37	-	-	-
(37)		Diabetes (50), . . . . .	-	3	1	-	-	-	152	-	-	-
17		Meningitis (61), . . . . .	-	3	1	-	-	-	96	-	-	-
(37)		Polio-myelitis (63a), . . . . .	-	-	-	-	-	-	3	-	-	-
18		Cerebral hemorrhage and softening (64, 65), . . . . .	2	27	6	4	-	3	779	3	-	2
(37)		Acute endocarditis (78), . . . . .	-	1	1	1	-	-	93	-	-	-
19		Organic diseases of the heart (79), . . . . .	-	36	3	3	3	3	1,409	4	-	-
(37)		Angina pectoris (80), . . . . .	1	2	3	-	-	1	62	1	-	-
(37)		Diseases of the arteries (81), . . . . .	-	2	2	1	-	1	180	-	-	1
20, 21		Bronchitis (89, 90), . . . . .	-	-	2	2	1	1	116	1	-	-
(23)		Broncho-pneumonia (91), . . . . .	-	12	4	3	-	-	567	-	-	1
22		Pneumonia (92), . . . . .	-	12	1	4	1	-	697	6	1	1
(23)		Other respiratory diseases (86-88, 93-98), . . . . .	-	1	-	-	-	-	80	1	-	-
24		Diseases of the stomach (102, 103), . . . . .	-	1	-	1	-	-	107	-	-	-
25		Diarrhea and enteritis (under 2 years) (104), . . . . .	-	2	4	-	-	-	266	1	-	-
26		Appendicitis (108), . . . . .	-	1	-	-	-	-	115	-	-	-
27		Hernia, intestinal obstruction (109), . . . . .	-	-	-	-	1	1	148	-	-	-
28		Cirrhosis of the liver (113), . . . . .	-	-	-	-	-	-	42	-	-	-
29		Nephritis and Bright's disease (119, 120), . . . . .	2	25	5	4	-	-	752	1	-	-
30		Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	-	1	-	-	-	-	62	-	-	-
31		Puerperal fever (137), . . . . .	-	1	-	-	-	-	61	-	-	-
32		Other puerperal affections (134-136, 138-141), . . . . .	-	4	-	-	-	-	101	1	-	-
33		Congenital debility and malformations (150, 151), . . . . .	-	10	2	2	-	-	613	1	-	-
34		Senility (154), . . . . .	-	-	-	-	-	-	8	-	-	-
(35)		Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	2	16	3	7	1	1	647	-	-	1
(35)		Burns (conflagration excepted) (167), . . . . .	1	-	-	1	-	-	73	-	-	-
(35)		Accidental drowning (169), . . . . .	-	1	1	-	-	-	36	-	-	-
(35)		Traumatism by fall (172), . . . . .	-	2	-	1	-	1	131	-	-	1
(35)		Railroad accidents and injuries (175a), . . . . .	1	1	-	1	-	-	37	-	-	-
(35)		Automobile accidents and injuries (175c), . . . . .	-	8	-	-	-	-	120	-	-	-
36		Suicide (155-163), . . . . .	-	4	1	2	1	-	105	-	-	1
(35)		Homicide (182-184), . . . . .	-	-	-	-	-	-	38	-	-	-
(37)		All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	-	22	7	1	-	-	1,192	3	-	1
38		Ill-defined or unknown causes (187-189), . . . . .	-	-	1	-	-	-	30	-	-	-

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Boylston.	Braintree.	Brewster.	Bridgewater.	Brimfield.	BROCKTON.	Brookfield.	Brookline.	Buckland.	Burlington.	CAMBRIDGE.	Canton.	Carlisle.	Carver.	Charlément.	Charlton.	Chatham.	Chelmsford.	CHELSEA.
	9	128	7	165	12	734	33	414	25	14	1,468	73	10	12	6	38	34	74	687
1	-	-	-	-	-	1	2	-	-	-	2	-	-	-	-	-	-	-	3
3	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	-	1
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	1	12	-	-	-	-	-	-	1	3
8	-	1	-	-	-	8	-	1	-	-	5	-	-	-	-	-	-	-	5
9	1	7	-	4	3	30	3	16	-	2	54	3	2	-	1	-	1	4	48
(12)	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	-	2
(12)	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1
13	-	18	-	21	1	49	2	18	6	3	175	2	1	2	-	4	-	6	43
14	-	1	-	-	1	9	-	1	-	-	8	1	-	-	-	-	-	1	5
15	1	1	-	1	-	5	-	6	-	-	9	2	-	-	-	-	-	-	5
16	1	9	1	6	1	61	3	63	5	-	144	6	1	1	-	3	3	3	45
(37)	-	-	-	3	-	4	-	3	-	-	13	-	-	1	-	-	-	-	1
(37)	-	1	-	-	-	11	-	9	-	-	19	2	-	-	-	2	2	-	7
17	-	1	-	-	-	6	-	2	-	-	3	-	-	-	-	-	-	1	8
(37)	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
18	-	18	1	21	2	57	7	42	2	2	124	4	-	1	-	4	10	4	46
(37)	-	-	-	-	-	8	-	12	-	-	19	2	-	-	-	-	-	-	4
19	2	11	2	31	2	71	4	59	2	-	178	14	4	2	1	3	2	4	93
(37)	-	3	-	-	-	9	-	11	-	2	15	-	-	-	-	-	1	3	5
(37)	-	5	2	8	-	22	2	9	-	-	59	2	-	1	-	1	-	4	22
20, 21	-	-	-	3	-	7	-	2	-	-	15	-	-	-	-	-	1	1	12
(23)	1	6	-	6	-	18	-	13	2	1	77	1	-	-	-	1	4	6	43
22	-	5	-	3	-	26	-	19	3	-	73	4	1	-	-	3	1	1	41
(23)	-	1	-	2	-	11	-	5	-	-	14	1	-	-	-	-	-	-	12
24	-	1	-	2	-	5	-	2	-	-	4	1	-	-	1	-	-	-	3
25	-	3	-	1	-	12	-	2	-	-	33	-	-	1	-	-	1	1	13
26	-	2	-	-	-	4	-	1	-	-	8	1	-	-	-	-	-	-	5
27	-	-	-	-	-	6	1	2	-	-	8	3	-	-	-	-	-	-	7
28	-	-	-	2	-	2	-	2	-	-	3	-	-	-	-	-	1	2	3
29	1	11	-	8	1	66	1	43	3	-	71	7	-	1	1	4	2	4	42
30	-	-	-	-	-	2	-	8	-	-	7	-	-	-	-	-	-	-	2
31	-	3	-	-	-	3	-	-	-	-	5	-	-	-	-	-	-	-	2
32	-	-	-	1	-	6	1	-	-	-	12	2	-	-	-	1	-	2	6
33	-	7	-	5	1	60	1	5	-	2	80	6	-	1	1	-	1	5	41
34	-	-	-	-	-	4	-	2	-	-	4	-	-	-	-	2	-	-	-
(35)	-	5	1	7	-	60	2	8	1	1	79	3	1	-	-	5	1	4	32
(35)	-	2	-	3	-	10	-	-	1	-	7	1	-	-	-	1	-	-	3
(35)	-	-	-	1	-	1	1	2	-	-	1	1	-	-	-	-	1	1	-
(35)	-	1	-	1	-	14	-	5	-	-	19	1	-	-	-	3	-	-	12
(35)	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	2
(35)	-	1	1	1	-	17	-	1	-	-	21	-	-	-	-	1	-	1	6
36	-	3	-	-	-	9	1	3	-	-	8	-	-	-	-	2	1	1	10
(35)	1	-	-	-	-	4	-	-	-	-	2	-	-	-	-	-	-	-	4
(37)	1	4	-	28	-	71	3	44	1	-	121	5	-	1	1	3	2	15	57
38	-	-	-	1	-	4	-	1	-	-	-	-	-	-	-	-	-	-	4

<sup>2</sup> Exclusive of stillbirths.

Abridged Int. List No.	Table 56  CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
		Cheshire.	Chester.	Chesterfield.	CHICOPEE.	Chilmark.	Clarksburg.	Clinton.	Cohasset.	Colrain.	Concord.
	<b>All Causes.<sup>2</sup></b>	<b>16</b>	<b>13</b>	<b>6</b>	<b>384</b>	<b>3</b>	<b>14</b>	<b>171</b>	<b>26</b>	<b>13</b>	<b>107</b>
1	Typhoid fever (1), . . . . .	-	-	-	-	-	-	-	1	-	-
3	Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5	Measles (6), . . . . .	-	-	-	-	-	-	1	-	-	-
6	Scarlet fever (7), . . . . .	-	1	-	2	-	-	-	-	-	-
7	Whooping cough (8), . . . . .	-	-	-	2	-	-	3	-	-	-
8	Diphtheria and croup (9), . . . . .	-	-	-	8	-	-	3	-	-	-
9	Influenza (10), . . . . .	1	-	-	16	1	3	16	1	3	11
(12)	Erysipelas (18), . . . . .	-	-	-	-	-	-	-	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	-	-	-	-	1	-	-	-
13	Tuberculosis of the lungs (28, 29), . . . . .	-	-	-	44	-	3	15	-	-	2
14	Tuberculous meningitis (30), . . . . .	-	-	-	2	-	1	2	-	-	-
15	Other forms of tuberculosis (31-35), . . . . .	-	-	-	1	1	-	2	-	-	-
16	Cancer (39-45), . . . . .	1	-	-	14	-	1	19	3	2	3
(37)	Rheumatism (47, 48), . . . . .	-	-	-	-	-	-	1	-	-	-
(37)	Diabetes (50), . . . . .	-	-	-	1	-	-	2	1	-	1
17	Meningitis (61), . . . . .	-	-	-	4	-	-	2	-	-	-
(37)	Poliomyelitis (63a), . . . . .	-	-	-	-	-	-	-	-	-	-
18	Cerebral hemorrhage and softening (64, 65), . . . . .	2	-	1	21	-	-	10	5	1	10
(37)	Acute endocarditis (78), . . . . .	-	-	-	-	-	-	1	-	-	-
19	Organic diseases of the heart (79), . . . . .	2	4	-	24	-	1	16	1	1	23
(37)	Angina pectoris (80), . . . . .	-	-	-	1	-	-	1	-	1	1
(37)	Diseases of the arteries (81), . . . . .	1	-	-	5	-	-	1	1	-	-
20, 21	Bronchitis (89, 90), . . . . .	-	2	-	11	-	-	7	-	-	1
(23)	Broncho-pneumonia (91), . . . . .	-	-	-	36	-	1	9	1	-	1
22	Pneumonia (92), . . . . .	1	-	-	20	-	1	10	-	1	15
(23)	Other respiratory diseases (86-88, 93-98), . . . . .	-	-	-	3	-	-	-	1	-	-
24	Diseases of the stomach (102, 103), . . . . .	-	-	-	6	-	-	1	1	-	-
25	Diarrhea and enteritis (under 2 years) (104), . . . . .	-	-	-	28	-	-	5	-	-	-
26	Appendicitis (108), . . . . .	1	-	-	-	-	-	2	-	-	3
27	Hernia, intestinal obstruction (109), . . . . .	1	-	-	2	-	-	-	-	-	3
28	Cirrhosis of the liver (113), . . . . .	-	-	-	1	-	-	-	-	-	-
29	Nephritis and Bright's disease (119, 120), . . . . .	2	-	-	15	-	-	8	7	1	6
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	-	-	1	-	-	-	1	-	-	1
31	Puerperal fever (137), . . . . .	-	-	-	-	-	-	1	-	-	-
32	Other puerperal affections (134-136, 138-141), . . . . .	-	-	-	3	-	1	3	1	-	1
33	Congenital debility and malformations (150, 151), . . . . .	1	2	1	48	-	1	5	-	-	5
34	Senility (154), . . . . .	-	-	-	1	-	-	1	1	-	-
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	1	2	-	34	-	1	5	-	-	9
(35)	Burns (conflagration excepted) (167), . . . . .	-	-	-	-	-	-	-	-	-	-
(35)	Accidental drowning (169), . . . . .	-	-	-	2	-	-	1	-	-	-
(35)	Traumatism by fall (172), . . . . .	-	-	-	3	-	-	2	-	-	3
(35)	Railroad accidents and injuries (175a), . . . . .	1	1	-	-	-	-	-	-	-	-
(35)	Automobile accidents and injuries (175c), . . . . .	-	-	-	2	-	-	1	-	-	3
36	Suicide (155-163), . . . . .	-	1	-	6	-	-	1	-	-	2
(35)	Homicide (182-184), . . . . .	-	-	-	-	-	-	1	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	2	1	3	24	1	-	12	1	3	9
38	Ill-defined or unknown causes (187-189), . . . . .	-	-	-	1	-	-	3	-	-	-

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Conway.	Cumington.	Dalton.	Dana.	Danvers.	Dartmouth.	Dedham.	Deerfield.	Dennis.	Dighton.	Douglas.	Dover.	Dracut.	Dudley.	Dunstable.	Duxbury.	East Bridgewater.	East Longmeadow.	Eastham.
	10	4	39	7	343	79	90	24	40	45	16	5	62	45	9	19	46	29	7
1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
7	-	-	-	-	5	2	-	-	-	1	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	-	-
9	-	1	6	-	3	9	1	-	2	4	3	-	-	1	-	-	1	4	1
(12)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	2	-	22	8	3	4	-	2	1	-	4	2	1	-	10	3	1
14	-	-	-	-	-	-	-	-	-	2	1	1	-	1	-	-	-	-	-
15	-	-	-	2	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-
16	2	-	3	1	16	6	9	1	3	6	3	1	5	5	-	2	6	1	1
(37)	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-	1	-
(37)	-	-	-	-	-	1	1	-	1	1	-	-	1	-	-	1	-	1	-
17	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	1	-	4	-	36	10	13	3	12	2	-	1	4	4	-	3	1	2	-
(37)	-	-	-	-	2	-	-	-	1	-	-	-	2	-	-	-	2	-	-
19	1	2	11	1	30	4	14	1	4	5	3	1	7	1	1	2	12	-	2
(37)	-	-	-	-	-	1	1	-	1	2	-	-	-	1	-	1	-	1	1
(37)	-	-	2	-	76	1	6	1	-	3	-	1	4	1	1	3	2	-	-
20, 21	-	-	-	-	-	4	1	-	-	1	-	-	2	1	1	-	-	-	-
(23)	-	-	1	-	27	5	6	2	2	3	1	-	3	4	-	1	-	2	-
22	1	-	1	-	12	-	2	-	-	-	1	-	1	4	1	1	2	2	-
(23)	-	-	-	-	2	1	1	-	-	1	-	-	-	-	-	-	-	-	-
23	-	-	-	-	2	1	2	1	-	-	-	-	-	-	-	1	-	-	-
24	-	-	1	-	-	2	1	1	-	1	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	2	1	1	-	1	-	-	4	2	-	-	-	-	-
26	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
28	-	-	-	-	1	-	-	-	-	1	-	-	3	-	-	-	-	-	-
29	2	1	2	-	25	6	4	2	3	1	1	-	6	-	1	1	1	3	1
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
33	2	-	2	1	3	1	10	1	-	3	2	-	4	5	-	-	1	2	-
34	-	-	-	-	-	-	1	-	2	-	-	-	1	-	-	-	-	-	-
(35)	1	-	-	-	11	3	4	2	1	-	-	-	4	-	1	1	3	1	-
(35)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(35)	1	-	-	-	4	-	4	1	-	-	-	-	4	-	-	-	-	-	-
(35)	-	-	-	-	2	-	-	1	1	-	-	-	-	-	1	1	1	-	-
(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(35)	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	2	-	-
36	-	-	-	-	4	1	1	-	1	-	-	-	-	1	-	-	1	1	-
(35)	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-
(37)	-	-	2	2	58	5	7	4	7	5	-	-	5	7	1	2	3	3	-
38	-	-	-	-	1	3	-	-	-	1	-	-	-	-	-	-	-	-	-

<sup>2</sup> Exclusive of stillbirths.

Abridged Int. List No.	Table 56  CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
		Easthampton.	Easton.	Edgartown.	Egremont.	Enfield.	Erving.	Essex.	EVERETT.	Fairhaven.	FALL RIVER.
	<b>All Causes.<sup>2</sup></b>	<b>121</b>	<b>51</b>	<b>17</b>	<b>11</b>	<b>9</b>	<b>13</b>	<b>20</b>	<b>386</b>	<b>82</b>	<b>1,730</b>
1	Typhoid fever (1), . . . . .	-	-	-	-	-	-	-	3	-	4
3	Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	2
5	Measles (6), . . . . .	-	-	-	-	-	-	-	1	-	56
6	Scarlet fever (7), . . . . .	3	-	-	-	-	-	-	-	-	3
7	Whooping cough (8), . . . . .	2	-	-	-	-	-	-	4	1	11
8	Diphtheria and croup (9), . . . . .	2	-	-	-	-	-	-	19	2	25
9	Influenza (10), . . . . .	3	2	-	2	-	-	2	12	4	99
(12)	Erysipelas (18), . . . . .	-	-	-	-	-	-	-	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	1	-	-	-	-	-	-	5
13	Tuberculosis of the lungs (28, 29), . . . . .	3	1	-	-	1	-	-	19	3	141
14	Tuberculous meningitis (30), . . . . .	-	-	1	-	-	-	-	2	-	16
15	Other forms of tuberculosis (31-35), . . . . .	-	-	-	-	1	1	-	1	2	11
16	Cancer (39-45), . . . . .	9	7	2	-	2	1	2	36	3	97
(37)	Rheumatism (47, 48), . . . . .	1	-	-	-	-	-	-	2	1	1
(37)	Diabetes (50), . . . . .	2	-	1	-	-	-	-	6	-	19
17	Meningitis (61), . . . . .	-	-	-	-	-	-	-	4	-	9
(37)	Poliomyelitis (63a), . . . . .	-	-	-	-	-	-	-	-	-	-
18	Cerebral hemorrhage and softening (64, 65), . . . . .	13	1	-	2	-	-	4	27	6	105
(37)	Acute endocarditis (78), . . . . .	1	1	-	-	-	-	1	2	1	15
19	Organic diseases of the heart (79), . . . . .	13	9	4	3	2	3	6	55	6	149
(37)	Angina pectoris (80), . . . . .	1	1	-	1	-	1	-	4	-	2
(37)	Diseases of the arteries (81), . . . . .	1	6	-	-	-	-	-	17	7	38
20, 21	Bronchitis (89, 90), . . . . .	6	-	-	-	-	-	-	3	2	57
(23)	Broncho-pneumonia (91), . . . . .	11	3	-	1	-	1	-	17	8	106
22	Pneumonia (92), . . . . .	1	1	-	-	-	1	1	31	3	57
(23)	Other respiratory diseases (86-88, 93-98), . . . . .	-	-	-	-	-	-	-	1	1	20
24	Diseases of the stomach (102, 103), . . . . .	1	1	-	-	1	-	1	-	1	15
25	Diarrhea and enteritis (under 2 years) (104), . . . . .	5	-	-	1	-	-	-	4	1	140
26	Appendicitis (108), . . . . .	1	-	-	-	-	-	-	2	-	8
27	Hernia, intestinal obstruction (109), . . . . .	1	-	-	-	-	-	-	2	1	10
28	Cirrhosis of the liver (113), . . . . .	-	-	1	-	-	-	-	1	-	5
29	Nephritis and Bright's disease (119, 120), . . . . .	5	6	2	1	-	1	-	24	8	140
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	-	-	-	-	-	-	-	3	2	7
31	Puerperal fever (137), . . . . .	-	-	-	-	-	-	-	3	-	4
32	Other puerperal affections (134-136, 138-141), . . . . .	2	1	-	-	-	-	-	7	-	11
33	Congenital debility and malformations (150, 151), . . . . .	10	4	-	-	-	1	-	24	2	93
34	Senility (154), . . . . .	-	-	1	-	-	-	2	1	-	6
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	5	3	-	-	-	1	-	17	6	75
(35)	<i>Burns (conflagration excepted) (167), . . . . .</i>	2	-	-	-	-	-	-	3	1	13
(35)	<i>Accidental drowning (169), . . . . .</i>	-	1	-	-	-	-	-	1	2	8
(35)	<i>Traumatism by fall (172), . . . . .</i>	1	1	-	-	-	-	-	2	-	16
(35)	<i>Railroad accidents and injuries (175a), . . . . .</i>	2	1	-	-	-	-	-	1	-	-
(35)	<i>Automobile accidents and injuries (175c), . . . . .</i>	-	-	-	-	-	1	-	3	1	9
36	Suicide (155-163), . . . . .	-	-	-	-	-	-	-	1	2	9
(35)	Homicide (182-184), . . . . .	-	-	-	-	-	-	-	1	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	18	4	4	-	2	-	1	30	5	142
38	Ill-defined or unknown causes (187-189), . . . . .	1	-	-	-	-	2	-	-	4	17

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.



## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Falmouth.	FITCHBURG.	Florida.	Foxborough.	Framingham.	Franklin.	Freetown.	Gardner.	Gay Head.	Georgetown.	Gill.	GLOUCESTER.	Goshen.	Gosnold.	Grafton.	Granby.	Granville.	Great Barrington.	Greenfield.
	52	456	2	86	258	70	12	216	2	33	8	319	1	1	112	12	5	82	184
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	1	-	-	-	9	-	-	-	-	-	-	-
7	-	1	-	-	-	-	1	-	1	-	-	3	-	-	-	-	-	-	3
8	-	10	-	-	1	-	1	1	-	1	-	1	-	-	-	-	-	-	1
9	5	21	-	1	11	4	1	9	-	2	-	16	-	-	6	1	-	3	11
(12)	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(12)	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	4	41	-	7	12	3	1	20	1	2	-	21	-	-	29	1	-	1	6
14	-	6	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	2	1
15	-	1	-	-	3	-	-	-	-	-	-	3	-	-	-	-	-	-	1
16	5	44	-	4	18	4	1	14	-	2	-	29	-	-	11	-	-	2	15
(37)	-	1	-	1	-	1	-	2	-	-	-	1	-	-	-	-	-	1	-
(37)	1	6	-	2	3	1	-	6	-	-	-	4	-	-	2	-	-	-	4
17	-	1	-	-	1	1	-	2	-	-	-	2	-	-	-	-	-	-	1
(37)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
18	9	18	1	3	32	11	4	22	-	2	1	27	1	-	4	-	1	9	18
(37)	1	2	-	1	1	1	-	1	-	-	-	4	-	-	2	-	-	-	-
19	2	89	-	15	32	5	1	23	-	9	2	49	-	-	7	3	-	14	24
(37)	3	3	-	1	8	2	-	1	-	3	-	3	-	-	-	1	-	1	1
(37)	3	6	-	2	2	3	-	2	-	3	-	8	-	-	7	1	-	-	5
20, 21	-	5	-	2	-	1	-	-	-	-	-	5	-	-	2	-	-	-	4
(23)	2	27	1	11	17	-	1	7	-	4	2	14	-	-	3	-	-	-	10
22	-	28	-	4	11	2	-	17	-	-	-	7	-	-	7	2	-	8	8
(23)	-	2	-	2	3	-	-	-	-	-	-	2	-	-	-	-	-	-	1
24	-	2	-	1	-	1	-	1	-	-	-	6	-	-	-	-	-	-	1
25	1	10	-	-	4	-	-	9	-	-	-	1	-	-	-	-	-	2	2
26	-	2	-	-	3	-	-	2	-	-	-	1	-	-	-	-	-	2	-
27	1	4	-	-	3	-	-	2	-	-	-	2	-	-	1	-	-	-	1
28	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	1	-
29	1	18	-	11	21	4	-	22	-	-	1	23	-	-	7	-	2	14	10
30	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-
31	-	1	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	1	1
32	-	3	-	1	2	1	-	5	-	-	-	6	-	-	1	-	-	2	2
33	-	32	-	-	18	6	-	14	-	-	1	15	-	-	6	-	1	3	14
34	-	3	-	-	3	-	-	1	-	-	-	1	-	-	1	-	-	-	1
(35)	5	14	-	7	22	10	-	8	-	1	-	17	-	-	1	2	1	4	12
(35)	-	4	-	2	1	-	-	-	-	-	-	3	-	-	-	-	-	1	-
(35)	3	1	-	-	5	1	-	-	-	-	-	5	-	-	1	-	-	-	1
(35)	1	2	-	3	3	3	-	1	-	1	-	2	-	-	-	-	-	1	2
(35)	-	2	-	2	1	1	-	3	-	-	-	1	-	-	-	-	-	1	3
(35)	-	2	-	-	5	-	-	1	-	-	-	3	-	-	-	-	1	-	-
36	1	9	-	-	4	-	-	1	-	-	-	8	-	-	-	-	-	2	1
(35)	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2
(37)	7	41	-	9	18	8	1	17	-	3	1	27	-	-	14	-	-	5	19
38	-	-	-	-	2	-	-	-	-	1	-	2	-	1	-	-	-	-	4

<sup>2</sup> Exclusive of stillbirths.

Abridged Int. List No.	Table 56  CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
		Greenwich.	Groton.	Groveland.	Hadley.	Halifax.	Hamilton.	Hampden.	Hancock.	Hanover.	Hanson.
	<b>All Causes.<sup>2</sup></b>	<b>8</b>	<b>38</b>	<b>21</b>	<b>29</b>	<b>7</b>	<b>14</b>	<b>16</b>	<b>5</b>	<b>29</b>	<b>36</b>
1	Typhoid fever (1), . . . . .	-	-	-	-	-	-	-	-	-	1
3	Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5	Measles (6), . . . . .	-	-	-	-	-	-	-	-	-	-
6	Scarlet fever (7), . . . . .	-	-	-	-	-	-	-	-	-	-
7	Whooping cough (8), . . . . .	-	-	-	1	-	-	-	-	-	-
8	Diphtheria and croup (9), . . . . .	-	-	-	-	-	-	-	-	-	-
9	Influenza (10), . . . . .	1	4	-	2	2	-	1	-	2	3
(12)	Erysipelas (18), . . . . .	-	-	-	-	-	-	-	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs (28, 29), . . . . .	1	3	1	3	-	2	-	-	1	10
14	Tuberculous meningitis (30), . . . . .	-	-	-	1	-	-	-	-	-	-
15	Other forms of tuberculosis (31-35), . . . . .	-	-	-	-	-	-	-	-	-	-
16	Cancer (39-45), . . . . .	1	3	2	4	-	1	3	1	4	2
(37)	Rheumatism (47, 48), . . . . .	-	1	-	-	-	-	-	-	-	-
(37)	Diabetes (50), . . . . .	-	-	-	-	-	-	-	-	1	1
17	Meningitis (61), . . . . .	-	-	-	1	-	-	1	-	-	-
(37)	Poliomyelitis (63a), . . . . .	-	-	-	-	-	-	-	-	-	-
18	Cerebral hemorrhage and softening (64, 65), . . . . .	-	5	2	-	-	1	-	-	3	1
(37)	Acute endocarditis (78), . . . . .	-	-	-	-	-	-	1	-	-	-
19	Organic diseases of the heart (79), . . . . .	3	6	5	4	-	2	4	1	-	6
(37)	Angina pectoris (80), . . . . .	-	-	-	-	-	-	1	-	-	1
(37)	Diseases of the arteries (81), . . . . .	1	1	4	1	-	1	1	-	5	2
20, 21	Bronchitis (89, 90), . . . . .	-	-	-	1	-	-	-	-	-	-
(23)	Broncho-pneumonia (91), . . . . .	-	1	-	2	1	-	1	2	2	1
22	Pneumonia (92), . . . . .	-	2	1	1	-	1	-	1	2	-
(23)	Other respiratory diseases (86-88, 93-98), . . . . .	-	1	-	-	-	-	-	-	-	-
24	Diseases of the stomach (102, 103), . . . . .	-	-	-	-	-	-	1	-	-	-
25	Diarrhea and enteritis (under 2 years) (104), . . . . .	-	-	1	1	-	-	-	-	-	-
26	Appendicitis (108), . . . . .	-	1	-	-	-	-	-	-	1	-
27	Hernia, intestinal obstruction (109), . . . . .	-	-	-	-	-	-	-	-	-	-
28	Cirrhosis of the liver (113), . . . . .	-	-	-	-	-	-	-	-	-	-
29	Nephritis and Bright's disease (119, 120), . . . . .	-	2	2	1	-	3	-	-	3	3
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	-	-	-	-	-	-	-	-	-	-
31	Puerperal fever (137), . . . . .	-	-	-	-	-	-	-	-	-	-
32	Other puerperal affections (134-136, 138-141), . . . . .	-	-	-	-	-	-	-	-	-	-
33	Congenital debility and malformations (150, 151), . . . . .	-	2	-	4	-	-	-	-	-	-
34	Senility (154), . . . . .	-	-	-	-	-	-	-	-	-	-
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	-	4	-	1	2	-	2	-	1	1
(35)	<i>Burns (conflagration excepted) (167), . . . . .</i>	-	-	-	-	-	-	-	-	-	-
(35)	<i>Accidental drowning (169), . . . . .</i>	-	1	-	-	1	-	1	-	-	-
(35)	<i>Traumatism by fall (172), . . . . .</i>	-	-	-	-	-	-	-	-	1	-
(35)	<i>Railroad accidents and injuries (175a), . . . . .</i>	-	-	-	-	-	-	-	-	-	-
(35)	<i>Automobile accidents and injuries (175c), . . . . .</i>	-	3	-	1	1	-	-	-	-	-
36	Suicide (155-163), . . . . .	-	-	-	-	-	-	-	-	-	-
(35)	Homicide (182-184), . . . . .	-	-	-	-	-	-	-	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	1	1	3	1	2	3	-	-	2	2
38	Ill-defined or unknown causes (187-189), . . . . .	-	-	-	-	-	-	-	-	2	2

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Hardwick.	Harvard.	Harwich.	Hatfield.	HAVERHILL.	Hawley.	Heath.	Hingham.	Hinsdale.	Holbrook.	Holden.	Holland.	Holliston.	HOLYOKE.	Hopedale.	Hopkinton.	Hubbardston.	Hudson.	Hull.
	23	58	36	19	704	7	4	73	16	54	41	1	28	838	36	27	14	73	30
1	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	2	-	-	-	-	-	-	-	-	3	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
7	-	-	-	-	7	-	-	1	-	-	-	-	-	10	-	-	-	-	-
8	2	-	-	-	14	-	-	1	-	-	-	1	-	11	-	-	-	-	-
9	3	1	-	-	47	1	1	4	-	2	3	-	2	21	2	-	-	5	2
(12)	-	-	-	-	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-
(12)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	2	9	2	2	55	-	-	1	2	-	2	-	5	67	1	1	1	5	-
14	1	1	-	-	5	-	-	-	-	-	-	-	-	5	-	-	-	-	-
15	-	-	-	-	1	-	-	-	-	-	1	-	-	4	-	-	-	1	-
16	1	1	2	2	51	2	1	10	2	11	2	-	4	60	6	2	1	6	4
(37)	1	-	-	-	1	-	-	-	-	-	-	-	-	8	-	-	1	-	-
(37)	-	-	-	1	9	-	-	1	-	-	-	-	-	16	-	-	-	-	-
17	-	3	-	-	3	-	-	-	-	1	-	-	-	7	-	-	-	2	1
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
18	1	2	8	1	63	4	1	8	2	9	5	-	5	56	11	4	3	9	4
(37)	1	-	1	-	6	-	-	1	-	-	-	-	-	3	-	-	-	-	-
19	3	2	4	2	79	-	-	16	3	8	3	-	3	74	1	9	-	10	4
(37)	-	-	-	-	7	-	-	1	1	-	-	-	-	6	2	-	-	1	1
(37)	-	-	3	-	24	-	-	2	1	1	2	-	-	4	1	1	1	2	-
20, 21	-	1	-	-	1	-	-	2	-	1	-	-	-	9	1	1	1	-	-
(23)	1	6	2	2	27	-	-	3	-	4	1	-	2	64	2	-	1	2	-
22	-	7	-	2	43	-	-	3	-	2	-	-	2	41	2	2	3	7	1
(23)	-	-	1	-	4	-	-	-	-	1	-	-	-	8	-	-	-	-	-
24	-	-	-	-	-	-	-	-	1	-	-	-	-	7	-	-	-	1	-
25	-	-	1	3	7	-	-	-	-	1	-	-	-	66	-	1	-	4	-
26	-	3	-	-	14	-	-	-	-	-	-	-	-	10	-	-	-	-	-
27	-	1	1	-	10	-	-	1	-	-	1	-	-	4	-	-	-	-	-
28	-	-	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-
29	2	3	4	-	39	-	-	6	2	2	4	-	1	59	5	1	-	2	2
30	-	-	-	-	6	-	-	-	-	-	-	-	-	2	-	1	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
32	-	-	1	-	9	-	-	1	-	-	-	-	-	11	-	-	-	-	-
33	1	-	4	1	40	-	-	3	-	3	4	-	-	51	1	-	2	-	1
34	-	-	-	1	-	-	-	-	-	3	-	-	-	3	-	-	-	1	-
(35)	1	5	1	-	39	-	1	3	2	2	5	-	2	47	-	2	-	4	6
(35)	-	-	-	-	2	-	-	-	-	1	-	-	-	4	-	-	-	-	1
(35)	-	2	-	-	5	-	-	-	1	1	1	-	-	3	-	-	-	2	4
(35)	-	-	-	-	6	-	-	-	-	-	1	-	-	9	-	2	-	-	-
(35)	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(35)	-	1	1	-	10	-	-	1	-	-	2	-	-	9	-	-	-	-	1
36	1	7	-	-	8	-	-	1	-	-	2	-	-	2	-	-	-	-	1
(35)	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-
(37)	2	6	1	2	66	-	-	3	-	2	6	-	2	83	1	1	-	10	3
38	-	-	-	-	7	-	-	-	-	1	-	-	-	2	-	-	-	1	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 56  CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
		Huntington.	Ipswich.	Kingston.	Lakeville.	Lancaster.	Lanesborough.	LAWRENCE.	Lee.	Leicester.	Lenox.
	All Causes. <sup>2</sup>	22	78	32	139	18	8	1,280	47	39	34
1	Typhoid fever (1), . . . . .	—	—	—	—	—	—	8	—	—	—
3	Malaria (4), . . . . .	—	—	—	—	—	—	—	—	—	—
4	Smallpox (5), . . . . .	—	—	—	—	—	—	—	—	—	—
5	Measles (6), . . . . .	—	—	—	—	—	—	—	—	—	—
6	Scarlet fever (7), . . . . .	—	—	—	—	—	—	7	—	—	—
7	Whooping cough (8), . . . . .	—	—	—	—	—	—	7	—	—	—
8	Diphtheria and croup (9), . . . . .	—	—	1	—	—	—	19	2	—	—
9	Influenza (10), . . . . .	2	4	—	2	—	—	81	2	—	2
(12)	Erysipelas (18), . . . . .	—	—	—	—	1	—	2	—	—	—
(12)	Other epidemic diseases (2, 3, 11-17, 19), . . . . .	—	1	—	—	—	—	1	—	—	—
13	Tuberculosis of the lungs (28, 29), . . . . .	1	4	—	119	1	—	138	2	3	3
14	Tuberculous meningitis (30), . . . . .	—	—	—	—	—	—	14	—	—	—
15	Other forms of tuberculosis (31-35), . . . . .	—	1	—	—	—	—	6	1	—	—
16	Cancer (39-45), . . . . .	3	4	4	2	—	—	77	3	2	3
(37)	Rheumatism (47, 48), . . . . .	—	—	—	—	—	—	7	—	—	—
(37)	Diabetes (50), . . . . .	—	—	1	1	—	1	1	—	—	1
17	Meningitis (61), . . . . .	—	—	—	—	—	—	10	—	—	—
(37)	Poliomyelitis (63a), . . . . .	—	—	—	—	—	—	—	—	—	—
18	Cerebral hemorrhage and softening (64, 65), . . . . .	6	10	2	3	4	2	79	5	6	5
(37)	Acute endocarditis (78), . . . . .	—	1	—	—	1	—	7	1	—	—
19	Organic diseases of the heart (79), . . . . .	1	10	7	2	2	3	111	9	7	8
(37)	Angina pectoris (80), . . . . .	—	—	—	—	—	—	3	1	—	1
(37)	Diseases of the arteries (81), . . . . .	—	4	1	2	1	—	33	1	1	—
20, 21	Bronchitis (89, 90), . . . . .	—	1	—	—	1	—	25	—	—	—
(23)	Broncho-pneumonia (91), . . . . .	1	6	—	—	—	—	88	1	3	—
22	Pneumonia (92), . . . . .	—	1	1	—	1	—	57	—	2	1
(23)	Other respiratory diseases (86-88, 93-98), . . . . .	—	—	—	—	—	—	11	1	—	—
24	Diseases of the stomach (102, 103), . . . . .	—	—	1	1	1	—	8	1	1	1
25	Diarrhea and enteritis (under 2 years) (104), . . . . .	1	4	—	—	—	—	86	2	1	—
26	Appendicitis (108), . . . . .	—	—	1	—	—	—	7	—	—	—
27	Hernia, intestinal obstruction (109), . . . . .	—	1	1	—	—	—	8	1	1	—
28	Cirrhosis of the liver (113), . . . . .	—	—	—	—	—	—	5	—	—	1
29	Nephritis and Bright's disease (119, 120), . . . . .	2	4	3	1	1	2	60	3	6	2
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	—	—	—	—	—	—	3	—	—	—
31	Puerperal fever (137), . . . . .	—	1	—	—	—	—	5	—	—	—
32	Other puerperal affections (134-136, 138-141), . . . . .	—	—	—	—	—	—	14	—	—	1
33	Congenital debility and malformations (150, 151), . . . . .	3	6	2	—	—	—	70	3	3	1
34	Senility (154), . . . . .	—	—	—	—	—	—	6	—	—	—
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	2	8	4	3	2	—	81	2	2	3
(35)	<i>Burns (conflagration excepted) (167), . . . . .</i>	—	—	—	—	—	—	7	—	—	—
(35)	<i>Accidental drowning (169), . . . . .</i>	1	3	—	1	—	—	12	—	—	—
(35)	<i>Traumatism by fall (172), . . . . .</i>	—	2	—	—	—	—	17	1	—	—
(35)	<i>Railroad accidents and injuries (175a), . . . . .</i>	—	—	—	1	—	—	6	—	1	—
(35)	<i>A automobile accidents and injuries (175c), . . . . .</i>	—	1	2	—	2	—	17	—	—	—
36	Suicide (155-163), . . . . .	—	—	1	1	—	—	14	1	—	—
(35)	Homicide (182-184), . . . . .	—	1	—	—	—	—	3	—	—	—
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	—	5	2	2	—	—	107	5	1	1
38	Ill-defined or unknown causes (187-189), . . . . .	—	1	—	—	—	—	11	—	—	—

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	LEOMINSTER.	Leverett.	Lexington.	Leyden.	Lincoln.	Littleton.	Longmeadow.	LOWELL.	Ludlow.	Lukenburg.	LYNN.	Lynnfield.	MALDEN.	Manchester.	Mansfield.	Marblehead.	Marion.	MARLBOROUGH.	Marshfield.
	234	13	71	5	6	19	19	1,708	110	28	1,215	14	566	34	53	90	12	190	21
1	3	-	-	-	-	-	-	5	-	-	7	-	2	-	-	-	1	1	-
3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	3	-	-	-	-	-	-	7	-	-	6	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	6	-	-	5	-	4	-	-	-	-	-	-
7	3	-	1	-	-	1	-	4	1	-	11	-	4	-	-	-	-	-	-
8	1	-	-	-	-	-	1	25	-	-	30	-	9	-	-	-	-	1	-
9	10	-	5	1	-	-	1	74	4	5	84	-	45	3	4	2	1	12	1
(12)	1	-	-	-	-	-	-	3	-	-	3	-	2	-	-	-	-	-	-
(12)	-	-	-	-	-	-	-	3	-	-	-	-	2	-	-	-	-	-	-
13	10	1	3	-	-	3	1	111	1	1	89	1	38	-	2	8	-	10	-
14	1	-	1	-	-	1	-	28	3	-	6	-	3	-	-	-	-	-	-
15	2	-	-	-	-	-	-	13	-	-	5	-	5	-	1	-	-	-	-
16	20	-	7	-	-	-	2	105	5	2	111	1	50	5	3	5	-	15	4
(37)	1	-	-	-	-	-	-	12	-	-	8	-	6	-	-	1	-	-	-
(37)	3	-	-	-	-	-	-	8	2	-	22	-	7	-	3	1	-	3	-
17	4	-	1	-	-	-	-	11	-	1	8	-	5	-	1	-	-	3	-
(37)	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
18	24	1	8	-	-	1	3	102	3	2	106	2	32	2	6	5	3	26	1
(37)	-	-	1	1	-	-	-	25	1	-	4	-	-	-	1	2	1	4	-
19	26	1	8	1	1	4	2	127	7	2	137	2	63	6	7	23	2	31	6
(37)	2	-	1	-	-	1	-	8	-	1	19	-	2	1	-	-	-	4	-
(37)	7	-	4	-	-	3	-	128	-	3	17	-	34	7	1	7	-	11	-
20, 21	1	-	-	1	1	-	-	47	3	1	14	1	2	-	3	2	-	2	-
(23)	11	1	2	-	-	1	4	92	10	1	44	1	21	-	1	4	2	4	-
22	22	-	2	-	-	-	-	67	3	1	65	-	35	3	2	2	1	3	1
(23)	1	-	-	-	-	-	-	11	2	-	6	-	1	-	2	-	-	1	-
24	5	-	-	-	-	-	1	15	-	-	6	-	5	1	-	-	-	2	-
25	7	-	2	-	-	-	-	127	40	-	18	1	8	-	3	-	-	5	-
26	1	-	-	-	-	-	-	10	-	-	13	-	6	-	-	-	-	-	-
27	1	-	-	-	-	-	-	19	-	-	13	-	2	-	1	-	-	2	-
28	-	-	-	-	-	-	-	7	-	-	6	-	-	-	-	-	-	-	-
29	11	-	5	-	-	1	3	102	6	3	95	-	45	2	3	12	-	13	2
30	-	-	-	-	-	-	-	8	-	-	5	-	-	-	-	-	-	1	-
31	-	-	1	-	-	-	-	5	1	-	3	-	4	-	1	-	-	1	-
32	3	1	-	1	-	1	-	15	-	-	17	-	9	-	-	-	-	2	-
33	9	3	-	-	-	-	-	133	10	-	37	1	28	1	4	3	1	9	-
34	4	-	1	-	-	-	-	14	-	-	6	1	3	-	1	1	-	-	2
(35)	8	-	4	-	3	1	1	91	2	3	58	2	22	1	-	3	-	8	3
(35)	1	-	-	-	1	-	-	11	1	-	11	-	5	-	-	-	-	2	-
(35)	1	-	-	-	-	-	-	6	-	2	3	-	-	1	-	-	-	1	-
(35)	1	-	1	-	1	1	-	17	-	-	18	-	2	-	-	3	-	-	-
(35)	1	-	-	-	-	-	-	5	-	-	3	-	2	-	-	-	-	-	3
(35)	1	-	2	-	1	-	1	20	-	-	7	-	7	-	-	-	-	4	-
36	2	-	1	-	-	1	-	8	-	-	7	-	6	-	1	3	-	1	-
(35)	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-
(37)	26	5	13	-	1	-	-	127	6	2	121	1	54	2	2	6	-	13	1
38	1	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 56  CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
		Mashpee.	Mattapoisett.	Maynard.	Medfield.	MEDFORD.	Medway.	MELROSE.	Mendon.	Merrimac.	METHUEN.
	<b>All Causes.<sup>2</sup></b>	<b>3</b>	<b>20</b>	<b>63</b>	<b>87</b>	<b>407</b>	<b>18</b>	<b>215</b>	<b>14</b>	<b>33</b>	<b>198</b>
1	Typhoid fever (1), . . . . .	-	-	-	-	-	-	-	-	-	-
3	Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5	Measles (6), . . . . .	-	-	-	-	1	-	-	-	-	-
6	Scarlet fever (7), . . . . .	-	-	-	-	-	-	1	-	-	-
7	Whooping cough (8), . . . . .	-	-	1	-	7	-	-	-	-	-
8	Diphtheria and croup (9), . . . . .	-	-	1	-	3	-	-	-	1	2
9	Influenza (10), . . . . .	-	-	10	1	32	-	13	-	1	7
(12)	Erysipelas (18), . . . . .	-	-	-	-	-	-	1	-	-	1
(12)	Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	-	-	-	-	-	-	-	1
13	Tuberculosis of the lungs (28, 29), . . . . .	1	3	3	26	29	1	8	2	4	14
14	Tuberculous meningitis (30), . . . . .	-	1	-	1	1	-	-	-	-	1
15	Other forms of tuberculosis (31-35), . . . . .	-	-	-	1	6	-	1	-	1	1
16	Cancer (39-45), . . . . .	-	3	5	9	37	3	27	3	5	17
37)	Rheumatism (47, 48), . . . . .	-	-	-	-	2	-	-	-	-	1
(37)	Diabetes (50), . . . . .	-	-	-	1	4	-	1	-	-	1
17	Meningitis (61), . . . . .	-	-	1	-	-	-	-	-	-	-
(37)	Polio-myelitis (63a), . . . . .	-	-	-	-	-	-	-	-	-	-
18	Cerebral hemorrhage and softening (64, 65), . . . . .	-	2	5	7	39	3	28	1	4	18
(37)	Acute endocarditis (78), . . . . .	-	-	-	-	-	-	-	-	-	-
19	Organic diseases of the heart (79), . . . . .	1	5	3	5	48	4	28	-	2	23
(37)	Angina pectoris (80), . . . . .	-	-	-	1	6	-	1	-	-	3
(37)	Diseases of the arteries (81), . . . . .	-	-	1	-	30	-	8	1	5	10
20, 21	Bronchitis (89, 90), . . . . .	-	2	2	-	6	1	2	-	-	4
(23)	Broncho-pneumonia (91), . . . . .	-	-	3	8	14	1	7	-	3	11
22	Pneumonia (92), . . . . .	-	1	1	4	28	3	4	2	3	10
(23)	Other respiratory diseases (86-88, 93-98), . . . . .	-	-	3	-	4	-	3	-	-	-
24	Diseases of the stomach (102, 103), . . . . .	-	-	-	1	1	-	-	-	-	1
25	Diarrhea and enteritis (under 2 years) (104), . . . . .	-	-	4	-	9	-	7	1	-	6
26	Appendicitis (108), . . . . .	-	-	-	-	-	-	3	-	-	4
27	Hernia, intestinal obstruction (109), . . . . .	-	-	1	2	-	-	3	-	-	3
28	Cirrhosis of the liver (113), . . . . .	-	-	1	-	1	-	1	1	-	-
29	Nephritis and Bright's disease (119, 120), . . . . .	-	1	4	11	28	-	17	-	1	11
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	-	-	-	-	-	-	1	-	-	4
31	Puerperal fever (137), . . . . .	-	-	-	-	-	-	-	-	-	-
32	Other puerperal affections (134-136, 138-141), . . . . .	-	-	2	-	-	-	2	-	-	2
33	Congenital debility and malformations (150, 151), . . . . .	-	-	6	1	25	-	8	-	-	14
34	Senility (154), . . . . .	-	1	-	1	1	1	2	-	-	-
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	1	1	3	-	9	-	10	1	2	5
(35)	Burns (conflagration excepted) (167), . . . . .	-	-	1	-	1	-	-	-	-	-
(35)	Accidental drowning (169), . . . . .	-	-	-	2	-	-	3	1	1	3
(35)	Traumatism by fall (172), . . . . .	1	-	2	-	1	-	1	-	1	2
(35)	Railroad accidents and injuries (175a), . . . . .	-	-	-	2	-	-	2	-	-	-
(35)	Automobile accidents and injuries (175c), . . . . .	-	-	-	-	2	-	3	-	-	-
36	Suicide (155-163), . . . . .	-	-	1	-	3	-	3	-	-	-
(35)	Homicide (182-184), . . . . .	-	-	-	-	-	-	-	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	-	-	2	8	33	1	25	2	-	20
38	Ill-defined or unknown causes (187-189), . . . . .	-	-	-	-	-	-	-	-	1	3

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.



## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Middleborough.	Middlefield.	Middleton.	Milford.	Milbury.	Millis.	Millville.	Milton.	Mourne.	Mouson.	Montague.	Monterey.	Montgomery.	Mount Washington.	Nahant.	Nantucket.	Natick.	Needham.	New Ashford.
	111	3	17	215	55	14	23	71	-	111	105	6	3	-	22	58	134	71	2
1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
6	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	1	-	-	-	-	1	-	-	-	1	-	-	-	-
9	2	-	-	13	5	-	3	4	-	1	2	2	-	-	-	2	10	7	-
(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	7	-	1	21	3	1	2	4	-	10	8	-	-	-	2	3	3	3	-
14	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-
15	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
16	1	-	2	15	3	3	2	10	-	4	9	2	-	-	3	6	19	8	-
(37)	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	1	-	-	5	1	-	-	2	-	-	1	-	-	-	-	2	4	2	-
17	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
18	12	1	4	22	3	1	1	6	-	8	8	-	1	-	4	7	15	9	1
(37)	1	-	-	1	2	-	1	-	-	-	2	-	-	-	-	1	1	1	-
19	20	1	2	17	4	1	1	3	-	7	13	1	1	-	2	10	21	5	1
(37)	3	-	-	2	1	1	-	-	-	2	1	-	-	-	1	2	1	-	-
(37)	17	-	-	4	-	1	1	3	-	-	7	-	-	-	-	8	1	1	-
20, 21	2	-	-	1	2	-	-	2	-	-	3	-	-	-	-	-	1	3	-
(23)	3	-	-	12	1	-	5	1	-	9	8	-	1	-	3	-	9	1	-
22	7	-	-	12	4	2	-	3	-	5	4	-	-	-	-	4	5	3	-
(23)	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
24	1	-	-	2	-	-	-	1	-	-	3	-	-	-	-	-	-	1	-
25	4	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	3	-
26	-	-	-	2	-	-	-	1	-	-	2	-	-	-	-	1	1	2	-
27	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
28	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
29	8	-	4	20	5	-	-	6	-	5	5	-	-	-	3	5	11	-	-
30	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
31	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-
32	1	-	-	4	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-
33	3	-	1	10	7	1	-	6	-	4	6	1	-	-	-	1	5	4	-
34	2	-	-	2	-	1	2	-	-	1	2	-	-	-	-	-	-	1	-
(35)	6	1	-	13	4	1	1	3	-	2	11	-	-	-	2	1	6	6	-
(35)	-	-	-	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
(35)	2	-	-	1	-	-	-	-	-	-	5	-	-	-	-	-	-	1	-
(35)	-	-	-	5	-	-	-	-	-	-	1	-	-	-	1	1	2	1	-
(35)	-	1	-	-	-	1	1	1	-	-	-	-	-	-	-	-	2	1	-
(35)	4	-	-	3	1	-	-	1	-	-	2	-	-	-	-	-	1	1	-
36	2	-	-	1	-	-	-	1	-	1	1	-	-	-	1	-	1	-	-
(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	5	-	2	21	7	-	3	13	-	50	4	-	-	-	-	4	12	6	-
38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-

<sup>2</sup> Exclusive of stillbirths.

Abridged Int. List No.	Table 56  CAUSE OF DEATH, <sup>1</sup>	DEATHS FROM									
		NEW BEDFORD.	NEW BRANTREE.	NEW MARLBOROUGH.	NEW SALEM.	NEWBURY.	NEWBURYPORT.	NEWTON.	NORFOLK.	NORTH ADAMS.	NORTH ANDOVER.
	<b>All Causes.<sup>2</sup></b>	<b>1,626</b>	<b>5</b>	<b>10</b>	<b>12</b>	<b>18</b>	<b>270</b>	<b>495</b>	<b>13</b>	<b>311</b>	<b>64</b>
1	Typhoid fever (1), . . . . .	3	-	-	1	-	1	2	-	1	-
3	Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5	Measles (6), . . . . .	15	-	-	-	-	-	-	-	1	-
6	Scarlet fever (7), . . . . .	4	-	-	-	-	2	-	-	-	1
7	Whooping cough (8), . . . . .	19	-	-	-	-	3	-	-	2	-
8	Diphtheria and croup (9), . . . . .	22	-	-	-	1	3	9	-	2	1
9	Influenza (10), . . . . .	91	2	-	-	-	3	27	1	4	1
(12)	Erysipelas (18), . . . . .	2	-	1	-	-	-	1	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	-	-	-	2	-	-	-	-
13	Tuberculosis of the lungs (28, 29), . . . . .	139	-	-	-	2	8	19	-	16	3
14	Tuberculous meningitis (30), . . . . .	25	-	-	-	-	3	5	-	2	1
15	Other forms of tuberculosis (31-35), . . . . .	14	-	-	-	1	1	2	-	1	1
16	Cancer (39-45), . . . . .	107	-	1	2	1	14	45	-	26	10
(37)	Rheumatism (47, 48), . . . . .	4	-	-	-	-	-	1	-	1	-
(37)	Diabetes (50), . . . . .	18	-	-	-	-	5	9	-	3	1
17	Meningitis (61), . . . . .	12	-	-	-	-	3	2	-	1	-
(37)	Poliomyelitis (63a), . . . . .	2	-	-	-	-	-	-	-	-	-
18	Cerebral hemorrhage and softening (64, 65), . . . . .	99	1	2	4	1	19	51	1	34	7
(37)	Acute endocarditis (78), . . . . .	14	-	-	-	-	6	9	-	5	-
19	Organic diseases of the heart (79), . . . . .	121	-	1	5	52	68	-	-	41	11
(37)	Angina pectoris (80), . . . . .	12	-	-	1	-	3	10	2	4	-
(37)	Diseases of the arteries (81), . . . . .	48	-	-	-	1	4	26	2	6	2
20, 21	Bronchitis (89, 90), . . . . .	59	-	2	-	-	7	5	-	4	1
(23)	Broncho-pneumonia (91), . . . . .	134	-	-	1	-	14	18	1	16	3
22	Pneumonia (92), . . . . .	43	1	1	1	-	10	21	-	13	6
(23)	Other respiratory diseases (86-88, 93-98), . . . . .	8	-	-	1	-	3	5	-	1	1
24	Diseases of the stomach (102, 103), . . . . .	7	-	-	-	-	1	2	-	1	2
25	Diarrhea and enteritis (under 2 years) (104), . . . . .	128	-	-	-	1	5	-	-	7	1
26	Appendicitis (108), . . . . .	12	-	-	-	-	5	3	-	7	-
27	Hernia, intestinal obstruction (109), . . . . .	12	-	-	-	-	3	5	-	4	-
28	Cirrhosis of the liver (113), . . . . .	3	-	-	-	-	2	-	-	2	-
29	Nephritis and Bright's disease (119, 120), . . . . .	64	-	-	-	1	23	24	1	26	6
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	5	-	-	-	-	2	2	-	2	-
31	Puerperal fever (137), . . . . .	6	-	-	-	-	-	-	-	-	-
32	Other puerperal affections (134-136, 138-141), . . . . .	10	-	-	-	-	2	6	-	8	-
33	Congenital debility and malformations (150, 151), . . . . .	83	-	-	-	1	11	19	-	21	3
34	Senility (154), . . . . .	5	-	1	-	-	-	4	-	1	-
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	71	-	-	-	1	13	31	4	15	2
(35)	<i>Burns (conflagration excepted) (167), . . . . .</i>	13	-	-	-	-	3	3	-	3	-
(35)	<i>Accidental drowning (169), . . . . .</i>	1	-	-	-	1	1	5	1	-	1
(35)	<i>Traumatism by fall (172), . . . . .</i>	15	-	-	-	-	2	7	-	5	-
(35)	<i>Railroad accidents and injuries (175a), . . . . .</i>	2	-	-	-	-	-	4	-	1	-
(35)	<i>Automobile accidents and injuries (175c), . . . . .</i>	15	-	-	-	-	4	6	2	3	-
36	Suicide (155-163), . . . . .	13	1	-	-	-	1	6	1	2	-
(35)	Homicide (182-184), . . . . .	3	-	-	-	-	-	2	-	2	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	150	-	2	-	3	39	50	-	29	-
38	Ill-defined or unknown causes (187-189), . . . . .	39	-	-	-	-	1	1	-	-	-

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	North Attleborough.	North Brookfield.	North Reading.	NORTHAMPTON.	Northborough.	Northbridge.	Northfield.	Norton.	Norwell.	Norwood.	Oak Bluffs.	Oakham.	Orange.	Orleans.	Otis.	Oxford.	Palmer.	Paxton.	PEABODY.
	117	51	71	419	28	120	20	25	25	153	24	11	70	19	15	48	135	15	235
1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
7	4	1	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	4
8	-	-	1	4	-	1	-	-	-	-	-	-	3	-	-	-	8	1	3
9	10	1	1	30	1	10	-	3	3	12	1	1	6	1	-	9	11	-	11
(12)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	6	3	58	41	1	9	-	1	1	10	-	1	4	-	-	3	4	1	15
14	3	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
15	-	-	-	5	2	1	-	-	-	2	-	-	2	-	-	-	3	-	1
16	11	3	2	23	2	9	4	1	2	15	6	-	2	-	-	1	9	1	19
(37)	-	-	-	2	-	-	-	-	-	1	-	-	1	-	-	-	1	-	-
(37)	2	1	-	7	2	1	-	1	-	2	-	-	-	-	-	1	-	-	1
17	-	-	-	1	2	1	-	-	1	-	-	-	-	-	-	-	2	1	-
(37)	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
(37)	11	10	2	64	6	9	3	1	2	9	5	2	11	5	1	3	12	1	20
(37)	1	-	-	4	-	-	-	-	-	1	-	-	-	1	-	5	-	-	2
19	17	12	4	30	7	14	4	3	7	19	3	2	9	6	1	5	14	2	23
(37)	-	-	-	7	1	1	-	-	1	-	-	-	4	-	-	2	1	-	2
(37)	3	2	-	17	2	2	-	-	2	4	-	1	2	-	-	1	1	3	8
20, 21	1	1	-	3	-	-	-	-	-	1	1	-	1	-	-	1	1	-	-
(23)	3	1	1	24	-	6	-	-	-	7	1	-	2	1	-	5	8	-	2
22	5	1	-	12	-	6	-	-	-	8	1	1	4	1	-	5	4	-	8
(23)	2	1	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
24	2	2	-	1	-	1	1	1	-	2	-	-	-	-	-	-	3	-	2
25	2	1	-	3	1	5	-	-	-	7	-	-	-	-	-	2	1	-	7
26	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	3
27	1	-	-	6	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
28	1	-	-	2	-	1	1	-	-	-	-	-	-	-	-	1	-	-	-
29	8	-	1	33	-	14	1	2	2	8	2	1	6	-	-	4	11	2	12
30	1	1	-	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
31	1	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	2
32	1	1	-	3	-	-	-	-	1	2	-	-	1	-	-	-	2	-	4
33	4	-	-	14	-	13	2	4	-	14	1	1	2	-	-	2	13	-	11
34	-	1	-	5	-	-	-	-	1	-	-	-	1	-	-	-	-	-	2
(35)	4	5	-	14	-	7	1	1	-	5	-	-	2	1	13	1	12	1	27
(35)	2	1	-	1	-	-	-	1	-	1	-	-	-	-	-	1	-	-	3
(35)	-	-	-	4	-	-	-	-	-	-	-	-	-	-	12	-	1	-	-
(35)	1	2	-	3	-	-	1	-	-	1	-	-	1	1	-	-	1	1	5
(35)	-	-	-	-	-	1	-	-	-	2	-	-	1	-	-	-	3	-	2
(35)	-	2	-	4	-	1	-	-	-	-	-	-	-	-	-	-	2	-	8
36	1	-	-	1	-	-	-	2	1	1	-	-	-	1	-	-	2	-	1
(35)	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1
(37)	11	3	-	47	1	7	1	4	1	12	2	-	3	-	-	3	10	1	24
38	-	-	1	6	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 56	CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
			Pelham.	Pembroke.	Pepperell.	Peru.	Petersham.	Phillipston.	Pittsfield.	Plainfield.	Plainville.	Plymouth.
		<b>All Causes.<sup>2</sup></b>	<b>5</b>	<b>16</b>	<b>44</b>	<b>1</b>	<b>9</b>	<b>5</b>	<b>559</b>	<b>3</b>	<b>19</b>	<b>154</b>
1		Typhoid fever (1), . . . . .	-	-	-	-	-	-	-	-	-	-
3		Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4		Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5		Measles (6), . . . . .	-	-	-	-	-	-	-	-	-	-
6		Scarlet fever (7), . . . . .	-	-	-	-	-	-	1	-	-	-
7		Whooping cough (8), . . . . .	-	-	-	-	-	-	8	-	1	-
8		Diphtheria and croup (9), . . . . .	-	-	-	-	-	-	2	-	-	1
9		Influenza (10), . . . . .	-	-	1	2	-	-	23	-	1	8
(12)		Erysipelas (18), . . . . .	-	-	-	-	-	-	-	-	-	-
(12)		Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	-	-	-	-	1	-	-	-
13		Tuberculosis of the lungs (28, 29), . . . . .	1	-	6	-	2	-	42	-	-	8
14		Tuberculous meningitis (30), . . . . .	-	-	-	-	-	-	7	-	-	1
15		Other forms of tuberculosis (31-35), . . . . .	-	-	-	-	-	-	1	-	-	-
16		Cancer (39-45), . . . . .	-	1	4	-	-	-	40	-	-	20
(37)		Rheumatism (47, 48), . . . . .	-	-	-	1	-	-	5	-	1	-
(37)		Diabetes (50), . . . . .	-	-	2	-	-	1	8	-	-	-
17		Meningitis (61), . . . . .	-	-	-	-	-	-	5	-	-	-
(37)		Polomyelitis (63a), . . . . .	-	-	-	-	-	-	-	-	-	-
18		Cerebral hemorrhage and softening (64, 65), . . . . .	-	1	6	-	1	3	45	1	1	14
(37)		Acute endocarditis (78), . . . . .	-	-	-	-	-	-	4	-	-	-
19		Organic diseases of the heart (79), . . . . .	2	5	8	-	4	1	64	-	5	23
(37)		Angina pectoris (80), . . . . .	-	-	-	-	-	-	2	-	-	6
(37)		Diseases of the arteries (81), . . . . .	2	-	2	-	-	-	6	-	1	7
20, 21		Bronchitis (89, 90), . . . . .	-	-	1	-	-	-	7	-	-	-
(23)		Broncho-pneumonia (91), . . . . .	-	-	1	-	-	-	22	-	-	6
22		Pneumonia (92), . . . . .	-	1	4	-	1	-	30	-	2	7
(23)		Other respiratory diseases (86-88, 93-98), . . . . .	-	-	-	-	-	-	3	1	-	1
24		Diseases of the stomach (102, 103), . . . . .	-	-	-	-	-	-	6	-	-	2
25		Diarrhea and enteritis (under 2 years) (104), . . . . .	-	1	-	-	-	-	9	-	-	-
26		Appendicitis (108), . . . . .	-	-	-	-	-	-	8	-	-	1
27		Hernia, intestinal obstruction (109), . . . . .	-	1	-	-	-	-	11	-	1	5
28		Cirrhosis of the liver (113), . . . . .	-	-	-	-	-	-	5	-	-	-
29		Nephritis and Bright's disease (119, 120), . . . . .	-	-	2	-	-	-	54	-	2	11
30		Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	-	-	-	-	-	-	1	-	-	-
31		Puerperal fever (137), . . . . .	-	-	-	-	-	-	2	-	-	-
32		Other puerperal affections (134-136, 138-141), . . . . .	-	-	-	-	-	-	13	-	1	-
33		Congenital debility and malformations (150, 151), . . . . .	-	-	3	-	1	-	24	1	-	10
34		Senility (154), . . . . .	-	-	1	-	-	-	4	-	-	1
(35)		Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	-	1	-	-	-	-	40	-	1	7
(35)		Burns (conflagration excepted) (167), . . . . .	-	-	-	-	-	-	5	-	-	1
(35)		Accidental drowning (169), . . . . .	-	-	-	-	-	-	5	-	-	2
(35)		Traumatism by fall (172), . . . . .	-	-	-	-	-	-	10	-	1	1
(35)		Railroad accidents and injuries (175a), . . . . .	-	-	-	-	-	-	4	-	-	-
(35)		Automobile accidents and injuries (175c), . . . . .	-	1	-	-	-	-	2	-	-	2
36		Suicide (155-163), . . . . .	-	-	-	-	-	-	3	-	-	1
(35)		Homicide (182-184), . . . . .	-	-	-	-	-	-	1	-	-	-
(37)		All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	-	4	2	-	-	-	51	-	2	14
38		Ill-defined or unknown causes (187-189), . . . . .	-	-	-	-	-	-	1	-	-	-

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Plympton.	Prescott.	Princeton.	Provincetown.	QUINCY.	Randolph.	Raynham.	Reading.	Rehoboth.	REVERE.	Richmond.	Rochester.	Rockland.	Rockport.	Rowe.	Rowley.	Royalston.	Russell.	Rutland.
	6	5	13	74	453	63	23	73	31	216	13	12	103	44	2	24	10	7	66
1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	6	-	-	1	-	1	-	-	-	-	-	-	-	-	-
8	-	-	-	-	5	-	-	-	1	4	-	-	-	-	-	1	-	1	-
9	-	1	1	3	25	5	-	2	3	22	3	2	4	2	1	2	-	-	-
(12)	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
(12)	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	1	-	1	7	37	6	3	6	4	11	-	-	7	1	-	1	-	-	55
14	-	-	-	1	4	-	-	-	-	1	-	-	1	1	-	1	-	-	-
15	-	-	-	-	2	1	-	-	-	1	-	-	1	-	-	-	-	-	-
16	1	1	-	4	35	4	3	7	1	18	2	1	13	2	-	2	-	-	1
(37)	-	-	-	-	1	-	-	-	-	4	-	-	-	-	-	-	-	-	-
(37)	-	-	-	1	10	1	-	1	-	-	-	-	2	2	-	-	-	1	-
17	-	-	-	1	5	1	-	-	-	1	-	-	3	-	-	-	-	-	-
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	3	-	-	13	37	6	6	10	3	15	-	4	10	5	1	1	1	1	-
(37)	-	-	1	2	3	-	-	1	-	1	-	-	-	-	-	1	-	-	-
19	1	-	3	9	59	10	3	19	4	34	1	-	15	8	-	6	1	-	1
(37)	-	-	-	4	3	1	1	-	-	-	-	-	-	-	-	1	-	-	2
(37)	-	-	1	4	6	5	1	-	-	4	-	-	5	4	-	1	1	-	-
20, 21	-	-	-	5	4	-	1	-	-	1	-	-	1	1	-	-	-	-	-
(23)	-	-	-	1	16	1	-	4	1	15	-	-	3	1	-	-	2	-	1
22	-	-	1	2	30	2	1	2	3	11	-	-	1	1	-	-	-	1	-
(23)	-	-	1	1	1	1	-	1	-	-	-	-	1	1	-	-	-	-	-
24	-	-	-	-	7	-	-	1	-	1	1	-	-	1	-	-	-	-	-
25	-	-	-	1	5	-	-	2	-	6	-	1	1	1	-	-	-	2	-
26	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	1	-	-	1	-	2	-	1	-	-	-	-	-	-	-
28	-	-	-	-	3	-	-	1	1	-	-	-	-	-	-	-	-	-	-
29	-	1	1	5	29	8	1	5	4	22	3	-	15	4	-	3	2	-	3
30	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	1	9	-	-	-	-	1	-	-	1	-	-	-	-	-	-
33	-	-	-	1	32	2	1	1	2	13	-	1	7	1	-	1	-	-	1
34	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-
(35)	-	2	2	3	35	1	1	1	3	12	2	1	2	2	-	-	1	1	2
(35)	-	-	-	1	4	-	-	-	-	6	-	1	-	1	-	-	-	-	-
(35)	-	-	1	-	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-
(35)	-	2	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(35)	-	-	-	-	2	-	-	-	-	-	1	-	1	-	-	-	1	1	-
(35)	-	-	-	-	12	-	1	-	1	3	-	-	1	-	-	-	-	-	2
36	-	-	-	-	3	1	-	-	-	-	-	-	1	-	-	-	1	-	-
(35)	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
(37)	-	-	1	3	32	7	-	6	1	12	1	1	9	6	-	3	1	-	-
38	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>2</sup> Exclusive of stillbirths.

Abridged Int. List No.	Table 56  CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
		SALEM.	Salisbury.	Sandisfield.	Sandwich.	Saugus.	Savoy.	Seitate.	Seekonk.	Sharon.	Sheffield.
	<b>All Causes.<sup>2</sup></b>	<b>599</b>	<b>33</b>	<b>6</b>	<b>28</b>	<b>113</b>	<b>4</b>	<b>24</b>	<b>34</b>	<b>27</b>	<b>21</b>
1	Typhoid fever (1), . . . . .	-	-	-	-	-	-	-	-	-	-
3	Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5	Measles (6), . . . . .	-	1	-	-	1	-	-	-	-	-
6	Scarlet fever (7), . . . . .	6	-	-	-	-	-	-	-	-	-
7	Whooping cough (8), . . . . .	15	-	-	-	2	-	-	2	-	1
8	Diphtheria and croup (9), . . . . .	17	-	-	-	2	-	-	-	1	-
9	Influenza (10), . . . . .	18	2	-	-	9	-	-	1	-	3
(12)	Erysipelas (18), . . . . .	2	-	-	-	-	-	-	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19), . . . . .	2	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs (28, 29), . . . . .	54	1	-	-	8	-	1	-	5	1
14	Tuberculous meningitis (30), . . . . .	2	-	-	-	-	-	-	-	-	-
15	Other forms of tuberculosis (31-35), . . . . .	1	-	-	-	1	-	-	-	-	-
16	Cancer (39-45), . . . . .	54	4	-	1	12	2	3	5	2	1
(37)	Rheumatism (47, 48), . . . . .	5	-	-	1	3	-	-	-	1	-
(37)	Diabetes (50), . . . . .	2	-	-	-	1	-	-	-	1	1
17	Meningitis (61), . . . . .	3	1	-	-	-	-	-	-	-	-
(37)	Poliomyelitis (63a), . . . . .	-	-	-	-	-	-	-	-	-	-
18	Cerebral hemorrhage and softening (64, 65), . . . . .	51	6	2	4	8	-	7	1	1	2
(37)	Acute endocarditis (78), . . . . .	5	-	-	-	-	-	-	1	-	-
19	Organic diseases of the heart (79), . . . . .	75	1	-	3	11	-	4	3	4	3
(37)	Angina pectoris (80), . . . . .	8	2	1	1	6	-	1	-	-	-
(37)	Diseases of the arteries (81), . . . . .	14	1	-	1	3	-	-	-	-	3
20, 21	Bronchitis (89, 90), . . . . .	8	-	-	-	-	-	-	1	-	-
(23)	Broncho-pneumonia (91), . . . . .	18	2	-	3	8	1	-	4	1	-
22	Pneumonia (92), . . . . .	23	2	1	1	4	-	1	2	4	-
(23)	Other respiratory diseases (86-88, 93-98), . . . . .	3	-	-	2	-	-	1	-	-	-
24	Diseases of the stomach (102, 103), . . . . .	2	-	-	-	-	-	-	-	1	1
25	Diarrhea and enteritis (under 2 years) (104), . . . . .	8	-	-	-	1	-	-	3	-	-
26	Appendicitis (108), . . . . .	3	-	-	-	1	-	-	-	-	-
27	Hernia, intestinal obstruction (109), . . . . .	8	-	1	-	1	-	-	-	-	-
28	Cirrhosis of the liver (113), . . . . .	1	-	-	-	1	-	-	-	-	-
29	Nephritis and Bright's disease (119, 120), . . . . .	45	-	-	1	9	-	-	2	-	2
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	3	-	-	1	-	-	-	-	-	-
31	Puerperal fever (137), . . . . .	3	-	-	-	-	-	-	-	-	-
32	Other puerperal affections (134-136, 138-141), . . . . .	5	-	-	-	1	-	-	-	-	-
33	Congenital debility and malformations (150, 151), . . . . .	35	1	-	1	8	1	1	3	-	-
34	Senility (154), . . . . .	1	-	-	-	-	-	1	-	1	-
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	30	4	-	1	1	-	1	1	1	2
(35)	Burns (conflagration excepted) (167), . . . . .	2	-	-	-	-	-	-	-	-	-
(35)	Accidental drowning (169), . . . . .	6	3	-	1	-	-	-	-	-	1
(35)	Traumatism by fall (172), . . . . .	5	-	-	-	1	-	-	-	-	1
(35)	Railroad accidents and injuries (175a), . . . . .	1	-	-	-	-	-	-	-	-	-
(35)	Automobile accidents and injuries (175c), . . . . .	7	1	-	-	-	-	1	1	-	-
36	Suicide (155-163), . . . . .	8	1	-	-	1	-	1	-	-	-
(35)	Homicide (182-184), . . . . .	2	-	-	-	1	-	-	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	59	3	1	7	9	-	1	5	4	1
38	Ill-defined or unknown causes (187-189), . . . . .	-	1	-	-	-	-	1	-	-	-

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.



## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Sheburne.	Sherborn.	Shirley.	Shrewsbury.	Shutebury.	Somerset.	SOMERVILLE.	South Hadley.	Southampton.	Southborough.	Southbridge.	Southwick.	Spencer.	SPRINGFIELD.	Sterling.	Stockbridge.	Stonham.	Stoughton.	Stow.
	17	29	22	37	3	37	1,074	51	11	23	122	7	89	1,751	17	23	119	97	13
1	-	-	-	-	-	-	1	-	-	-	-	-	-	6	-	-	1	-	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-
6	-	-	-	-	-	-	2	2	-	-	-	-	-	3	-	-	-	-	-
7	-	-	-	-	-	1	4	-	-	-	-	-	-	3	1	-	2	-	-
8	-	-	-	-	-	-	11	-	-	1	-	-	4	25	-	-	1	-	-
9	1	1	3	4	-	1	73	1	-	-	5	-	-	99	2	1	9	4	2
(12)	-	-	-	-	-	1	3	-	-	-	-	-	-	3	-	-	-	-	-
(12)	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-
13	-	-	1	-	-	3	83	-	-	1	5	-	5	96	-	1	4	4	2
14	-	-	-	-	-	-	9	-	1	-	1	-	-	8	-	-	-	-	-
15	-	-	-	1	-	-	4	-	-	-	-	-	1	12	-	-	-	1	-
16	1	4	1	4	-	1	105	3	1	3	11	-	9	135	1	1	16	5	1
(37)	-	-	-	-	-	-	6	-	-	-	-	-	-	6	-	-	1	-	-
(37)	-	-	-	1	-	2	16	2	-	-	4	-	2	17	-	-	4	1	1
17	-	-	-	-	-	-	6	1	-	-	1	-	-	9	-	-	1	-	-
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
18	5	-	1	2	1	3	96	5	2	2	14	-	10	125	2	6	13	14	1
(37)	-	-	-	-	-	-	7	-	-	-	1	-	-	11	-	1	1	-	-
19	1	1	2	3	-	6	167	10	2	5	9	1	12	144	-	4	8	18	2
(37)	-	2	1	-	-	-	12	1	-	-	2	-	2	15	-	-	1	-	-
(37)	-	-	1	2	-	-	64	1	-	-	5	-	11	28	1	1	4	3	-
20, 21	1	-	-	-	-	2	12	1	-	-	2	-	-	13	-	-	3	1	-
(23)	2	2	3	2	-	2	42	3	-	4	3	1	7	120	1	1	4	-	-
22	-	10	1	2	1	2	60	1	-	1	6	1	5	88	3	-	7	10	2
(23)	-	1	1	-	-	-	1	1	-	-	1	-	1	9	-	-	1	-	-
24	-	-	-	-	-	2	3	-	-	-	-	-	-	21	-	1	2	1	-
25	-	2	-	-	-	-	23	3	-	-	5	2	1	51	-	-	1	5	-
26	-	-	-	-	-	-	6	-	-	-	-	-	-	22	-	-	-	-	-
27	-	-	-	-	-	-	3	1	-	-	-	-	-	15	-	-	1	-	-
28	-	-	-	-	1	-	4	-	-	-	2	-	1	10	-	-	-	1	-
29	-	2	-	2	-	2	69	5	3	3	5	1	8	180	1	2	11	9	-
30	-	-	-	1	-	-	2	-	-	-	-	-	-	11	-	-	-	-	-
31	-	-	-	-	-	-	1	-	-	-	-	-	-	10	-	-	-	-	-
32	-	-	1	-	-	-	6	-	-	-	-	-	-	25	-	-	1	-	-
33	3	2	1	4	-	3	55	-	-	-	11	-	-	120	1	-	6	7	1
34	-	-	1	4	-	1	3	1	-	-	4	-	2	8	-	2	1	2	-
(35)	1	1	-	2	-	1	40	3	1	-	9	-	4	130	1	1	4	5	-
(35)	-	-	-	1	-	-	4	-	-	-	-	-	-	12	-	-	-	1	-
(35)	-	-	-	-	-	1	3	2	-	-	2	-	-	12	-	-	-	1	-
(35)	-	-	-	-	-	-	14	-	-	-	-	-	2	20	-	1	-	2	-
(35)	-	-	-	-	-	-	1	-	-	-	-	-	1	9	-	-	-	1	-
(35)	1	-	1	-	-	-	6	-	-	-	3	-	-	25	1	-	4	-	-
36	1	-	1	1	-	-	5	1	-	-	3	1	-	18	-	-	2	-	-
(35)	-	-	-	-	-	-	1	-	-	-	-	-	-	5	1	-	-	-	-
(37)	1	1	3	1	-	3	66	4	1	3	11	-	4	145	1	1	9	6	-
38	-	-	-	1	-	-	-	1	-	-	2	-	-	2	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 56	CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
			Sturbridge.	Sudbury.	Sunderland.	Sutton.	Swampscott.	Swansea.	TAUNTON.	Templeton.	Tewksbury.	State Infirmary.
		All Causes. <sup>2</sup>	20	15	12	36	73	38	760	54	22	480
1		Typhoid fever (1), . . . . .	-	-	-	-	-	-	1	-	-	-
3		Malaria (4), . . . . .	-	-	-	-	-	-	-	-	-	-
4		Smallpox (5), . . . . .	-	-	-	-	-	-	-	-	-	-
5		Measles (6), . . . . .	-	-	-	-	-	1	13	-	-	-
6		Scarlet fever (7), . . . . .	-	-	-	-	-	-	1	-	-	-
7		Whooping cough (8), . . . . .	-	-	-	-	-	-	5	1	-	-
8		Diphtheria and croup (9), . . . . .	-	-	-	-	-	1	1	1	-	2
9		Influenza (10), . . . . .	-	-	-	5	3	-	36	16	-	5
(12)		Erysipelas (18), . . . . .	-	-	-	-	-	-	2	-	-	-
(12)		Other epidemic diseases (2, 3, 11-17, 19), . . . . .	-	-	-	-	-	-	1	-	-	-
13		Tuberculosis of the lungs (28, 29), . . . . .	-	2	1	1	2	2	64	1	3	164
14		Tuberculous meningitis (30), . . . . .	-	-	-	-	1	1	8	-	-	1
15		Other forms of tuberculosis (31-35), . . . . .	-	-	-	-	-	1	1	-	-	5
16		Cancer (39-45), . . . . .	1	-	-	7	8	3	40	-	3	43
(37)		Rheumatism (47, 48), . . . . .	-	-	-	-	1	-	-	1	-	2
(37)		Diabetes (50), . . . . .	1	-	-	-	-	1	7	2	-	6
17		Meningitis (61), . . . . .	-	1	1	-	-	-	2	-	-	1
(37)		Poliomyelitis (63a), . . . . .	-	-	-	-	-	-	-	-	-	-
18		Cerebral hemorrhage and softening (64, 65), . . . . .	3	2	1	3	12	6	49	5	1	14
(37)		Acute endocarditis (78), . . . . .	-	-	1	1	-	1	5	-	-	1
19		Organic diseases of the heart (79), . . . . .	1	2	2	6	12	9	110	7	5	30
(37)		Angina pectoris (80), . . . . .	2	-	-	-	1	-	7	1	1	-
(37)		Diseases of the arteries (81), . . . . .	1	1	2	1	3	2	52	-	1	79
20, 21		Bronchitis (89, 90), . . . . .	-	-	-	-	1	-	13	2	2	1
(23)		Broncho-pneumonia (91), . . . . .	-	-	-	1	1	2	44	4	-	7
22		Pneumonia (92), . . . . .	1	-	1	1	4	-	49	-	1	17
(23)		Other respiratory diseases (86-88, 93-98), . . . . .	-	-	-	-	1	-	5	-	-	3
24		Diseases of the stomach (102, 103), . . . . .	-	1	-	-	-	-	8	1	-	-
25		Diarrhea and enteritis (under 2 years) (104), . . . . .	1	-	-	3	-	-	24	-	-	9
26		Appendicitis (108), . . . . .	-	-	-	-	-	-	6	-	-	2
27		Hernia, intestinal obstruction (109), . . . . .	-	-	-	-	-	-	6	-	1	1
28		Cirrhosis of the liver (113), . . . . .	-	-	-	-	1	-	5	-	1	1
29		Nephritis and Bright's disease (119, 120), . . . . .	1	-	-	-	9	3	35	3	-	13
30		Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	-	-	-	-	1	-	-	-	-	1
31		Puerperal fever (137), . . . . .	-	-	-	-	-	-	2	-	-	-
32		Other puerperal affections (134-136, 138-141), . . . . .	1	-	-	-	-	-	3	-	-	-
33		Congenital debility and malformations (150, 151), . . . . .	3	1	1	3	1	1	27	1	-	10
34		Senility (154), . . . . .	-	-	-	-	-	-	1	-	1	-
(35)		Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	1	-	1	3	4	3	26	1	-	3
(35)		Burns (conflagration excepted) (167), . . . . .	-	-	-	-	-	-	5	-	-	-
(35)		Accidental drowning (169), . . . . .	-	-	-	2	-	-	1	-	-	-
(35)		Traumatism by fall (172), . . . . .	-	-	-	-	1	-	6	-	-	1
(35)		Railroad accidents and injuries (175a), . . . . .	-	-	-	-	-	-	3	-	-	-
(35)		Automobile accidents and injuries (175c), . . . . .	1	-	1	1	3	3	6	-	-	-
36		Suicide (155-163), . . . . .	-	-	-	-	1	-	6	1	1	-
(35)		Homicide (182-184), . . . . .	-	-	-	-	-	1	1	-	-	-
(37)		All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	3	5	1	1	6	-	93	6	1	59
38		Ill-defined or unknown causes (187-189), . . . . .	-	-	-	-	-	-	1	-	-	-

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.

Abridged Int. List No.	Tisbury.	Tolland.	Topsfield.	Townsend.	Truro.	Tyngsborough.	Tyringham.	Upton.	Uxbridge.	Wakefield.	Wales.	Walpole.	WALTHAM.	Ware.	Wareham.	Warren.	Warwick.	Washington.	Watertown.
	25	-	16	18	16	11	2	23	51	146	5	43	359	88	68	52	7	2	158
1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	1	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	2	3	-	-	4	-	-	-	-	-	-
9	2	-	-	1	-	-	-	1	4	8	-	2	32	2	1	2	-	-	13
(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	1	1	-	-	-	1	6	8	-	-	21	7	5	2	1	-	8
14	-	-	-	-	-	-	-	1	-	3	-	-	2	2	-	-	-	-	3
15	-	-	-	-	-	-	-	-	-	1	-	-	3	-	1	-	-	-	1
16	4	-	-	1	1	-	-	1	3	16	1	9	27	6	8	3	1	-	15
(37)	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
(37)	-	-	1	-	1	-	-	-	-	5	-	1	4	-	-	1	-	-	1
17	-	-	-	-	-	-	-	-	-	2	-	-	3	1	-	1	-	-	1
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	4	-	5	1	3	2	-	6	3	21	1	2	41	9	8	4	2	-	16
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	3	-	1	3	2	1	-	5	5	15	-	12	40	15	11	4	1	-	19
(37)	-	-	-	-	-	-	-	-	2	1	-	-	7	1	-	-	-	-	-
(37)	5	-	-	1	-	2	1	2	1	7	-	1	3	3	2	3	1	-	5
20, 21	-	-	-	-	-	-	-	-	-	-	1	-	4	1	2	-	-	-	1
(23)	-	-	-	1	-	1	-	-	3	7	1	3	15	6	2	5	-	-	10
22	3	-	2	-	-	-	-	-	5	8	-	1	18	2	2	4	1	1	6
(23)	-	-	1	-	-	-	-	-	1	1	-	1	1	2	1	1	-	-	2
24	-	-	-	-	-	-	-	3	-	-	-	1	-	1	1	-	-	-	-
25	-	-	-	1	-	-	-	-	-	4	-	1	2	2	2	1	-	-	2
26	-	-	-	-	-	-	-	-	-	-	-	-	5	1	-	-	-	-	1
27	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-
28	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-	1
29	1	-	3	-	6	1	1	2	1	9	-	-	19	3	3	8	-	-	8
30	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
32	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
33	1	-	-	1	1	-	-	-	7	6	-	2	18	5	3	2	-	-	14
34	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	1
(35)	1	-	-	2	-	2	-	-	1	5	-	5	23	4	1	2	-	-	8
(35)	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	2	-	-	-
(35)	-	-	-	1	-	1	-	-	-	-	-	1	3	-	1	-	-	-	-
(35)	-	-	-	-	-	1	-	-	-	1	-	-	6	2	-	-	-	-	-
(35)	-	-	-	-	-	-	-	-	-	2	-	-	1	1	-	-	-	-	2
(35)	-	-	-	-	-	-	-	-	1	-	-	2	2	-	-	-	-	-	1
36	-	-	-	-	-	1	-	-	-	1	-	-	3	2	-	2	-	1	1
(35)	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-
(37)	1	-	1	4	2	-	-	1	4	8	1	2	47	11	11	6	-	-	16
38	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

<sup>2</sup> Exclusive of stillbirths.

Abridged Int. List No.	Table 56	CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM									
			Wayland.	Webster.	Wellesley.	Wellfleet.	Wendell.	Wenham.	West Boylston.	West Bridgewater.	West Brookfield.	West Newbury.
		<b>All Causes.<sup>2</sup></b>	<b>19</b>	<b>124</b>	<b>64</b>	<b>17</b>	<b>3</b>	<b>15</b>	<b>21</b>	<b>22</b>	<b>25</b>	<b>17</b>
1		Typhoid fever (1), . . . . .	1	—	1	—	—	—	—	—	—	—
3		Malaria (4), . . . . .	—	—	—	—	—	—	—	—	—	—
4		Smallpox (5), . . . . .	—	—	—	—	—	—	—	—	—	—
5		Measles (6), . . . . .	—	—	—	—	—	—	—	—	—	—
6		Scarlet fever (7), . . . . .	—	—	—	—	—	—	—	—	—	—
7		Whooping cough (8), . . . . .	—	—	—	—	—	—	—	—	—	—
8		Diphtheria and croup (9), . . . . .	—	4	—	—	—	—	—	—	—	—
9		Influenza (10), . . . . .	2	5	4	—	1	1	3	3	2	—
(12)		Erysipelas (18), . . . . .	—	—	—	—	—	—	—	—	—	—
(12)		Other epidemic diseases (2, 3, 11-17, 19), . . . . .	—	—	—	—	—	—	—	—	—	—
13		Tuberculosis of the lungs (28, 29), . . . . .	—	13	2	4	—	1	1	1	1	—
14		Tuberculous meningitis (30), . . . . .	—	3	1	—	—	—	—	—	—	—
15		Other forms of tuberculosis (31-35), . . . . .	—	—	—	—	—	—	—	—	—	—
16		Cancer (39-45), . . . . .	1	11	5	2	1	—	4	1	4	2
(37)		Rheumatism (47, 48), . . . . .	—	—	—	—	—	—	—	—	—	—
(37)		Diabetes (50), . . . . .	1	—	—	—	—	—	—	1	1	—
17		Meningitis (61), . . . . .	—	2	—	—	—	—	—	—	—	—
(37)		Poliomyelitis (63a), . . . . .	—	—	—	—	—	—	—	—	—	—
18		Cerebral hemorrhage and softening (64, 65), . . . . .	2	13	11	—	—	1	1	2	2	4
(37)		Acute endocarditis (78), . . . . .	—	1	—	—	—	—	—	1	—	—
19		Organic diseases of the heart (79), . . . . .	3	16	16	4	—	1	3	4	7	4
(37)		Angina pectoris (80), . . . . .	—	2	—	1	—	1	—	—	1	1
(37)		Diseases of the arteries (81), . . . . .	1	1	—	1	—	—	1	—	1	—
20, 21		Bronchitis (89, 90), . . . . .	—	2	—	—	—	—	—	—	—	—
(23)		Broncho-pneumonia (91), . . . . .	1	11	1	—	—	—	2	—	1	—
22		Pneumonia (92), . . . . .	—	2	3	—	—	5	2	—	1	1
(23)		Other respiratory diseases (86-88, 93-98), . . . . .	—	—	—	—	—	—	—	—	—	—
24		Diseases of the stomach (102, 103), . . . . .	—	1	2	—	—	—	—	—	—	—
25		Diarrhea and enteritis (under 2 years) (104), . . . . .	—	4	—	—	—	1	—	1	—	—
26		Appendicitis (108), . . . . .	—	—	—	—	—	—	—	—	—	—
27		Hernia, intestinal obstruction (109), . . . . .	—	1	—	—	—	—	—	—	—	—
28		Cirrhosis of the liver (113), . . . . .	—	—	—	—	—	—	—	1	—	—
29		Nephritis and Bright's disease (119, 120), . . . . .	1	13	5	1	1	1	—	3	—	2
30		Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	—	—	—	—	—	—	—	—	1	—
31		Puerperal fever (137), . . . . .	—	—	—	—	—	—	—	—	—	—
32		Other puerperal affections (134-136, 138-141), . . . . .	1	—	—	—	—	—	—	1	—	—
33		Congenital debility and malformations (150, 151), . . . . .	1	5	—	1	—	1	—	1	—	1
34		Senility (154), . . . . .	—	1	—	1	—	—	1	1	—	—
(35)		Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	1	6	6	1	—	1	1	—	1	1
(35)		Burns (conflagration excepted) (167), . . . . .	—	—	1	—	—	—	—	—	—	—
(35)		Accidental drowning (169), . . . . .	1	1	—	1	—	1	—	—	—	—
(35)		Traumatism by fall (172), . . . . .	—	—	2	—	—	—	—	—	—	—
(35)		Railroad accidents and injuries (175a), . . . . .	—	—	1	—	—	—	—	—	1	—
(35)		Automobile accidents and injuries (175c), . . . . .	—	2	1	—	—	—	1	—	—	1
36		Suicide (155-163), . . . . .	—	1	1	—	—	—	—	—	—	—
(35)		Homicide (182-184), . . . . .	—	—	1	—	—	—	—	—	—	—
(37)		All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	3	6	5	1	—	1	2	1	2	1
38		Ill-defined or unknown causes (187-189), . . . . .	—	—	—	—	—	—	—	—	—	—

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

## IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — CON.

Abridged Int. List No.	West Springfield.	West Stockbridge.	West Tisbury.	West Borough.	West field.	West ford.	West hampton.	West minster.	West on.	West port.	West wood.	Wey mouth.	Whate ly.	Whit man.	Wil braham.	Will iamsburg.	Will iamstown.	Wil mington.	Win chendon.
	102	18	4	158	278	35	5	16	14	63	12	165	14	75	26	20.	54	25	99
1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	2	-
8	2	-	-	1	13	1	-	-	-	1	-	1	-	-	-	-	1	1	-
9	7	1	-	3	12	2	1	1	-	8	-	7	-	9	-	3	2	1	15
(12)	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
(12)	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
13	5	-	1	10	57	2	-	-	1	-	-	10	2	2	-	-	3	2	4
14	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	1	-	1	1
15	-	-	-	1	1	-	-	1	1	-	-	-	-	-	-	-	-	1	1
16	8	1	-	6	24	-	-	1	3	3	1	13	1	10	-	1	4	3	4
(37)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
(37)	1	1	-	5	-	1	-	-	1	3	-	4	-	-	1	-	-	-	1
17	1	-	-	-	2	-	-	-	-	-	-	1	-	1	1	-	1	-	-
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	4	3	-	16	16	4	1	4	1	7	3	16	-	7	4	1	6	-	7
(37)	2	-	-	2	3	-	-	-	-	-	-	2	-	1	1	-	-	-	-
19	11	1	-	24	18	1	2	6	2	11	3	24	1	9	4	1	7	1	10
(37)	3	-	-	1	2	-	-	-	-	-	-	2	-	3	1	2	-	1	-
(37)	1	1	1	16	5	2	-	-	-	2	-	8	-	2	-	-	-	-	4
20, 21	1	-	-	-	1	-	-	-	-	-	-	1	-	3	-	1	1	-	3
(23)	8	2	-	14	25	2	-	-	1	3	-	11	4	1	1	-	3	5	13
22	4	-	-	12	9	1	-	-	-	1	-	8	1	2	-	2	10	1	1
(23)	-	-	-	1	-	-	-	-	-	1	-	5	-	1	-	-	2	-	-
24	-	-	-	1	1	-	-	-	-	-	-	1	-	1	-	-	1	-	1
25	7	-	-	-	13	2	-	-	-	2	-	3	-	-	2	-	1	1	1
26	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1
27	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	1
28	-	2	-	1	1	-	-	-	1	-	-	3	-	1	-	-	-	-	1
29	12	2	-	10	16	6	-	-	1	10	1	7	1	9	-	6	1	1	4
30	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
31	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1
32	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
33	8	1	-	3	15	1	-	-	-	3	1	4	3	4	4	-	3	1	8
34	-	-	1	-	5	-	-	-	1	-	-	2	-	1	-	-	-	-	1
(35)	7	3	-	3	14	2	-	-	2	2	-	10	-	1	2	1	4	2	4
(35)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
(35)	1	1	-	-	5	1	-	-	1	-	-	2	-	-	-	-	2	-	1
(35)	-	-	-	1	4	-	-	-	-	-	-	3	-	-	-	-	1	-	2
(35)	3	-	-	1	-	1	-	-	-	-	-	1	-	-	-	-	-	2	-
(35)	3	-	-	-	2	-	-	-	-	-	-	1	-	1	1	-	-	-	-
36	-	-	-	-	1	1	-	-	-	1	1	-	-	1	1	-	-	-	-
(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	8	-	1	25	14	5	-	2	-	1	1	17	1	5	3	1	4	2	9
38	-	-	-	1	1	-	1	-	1	1	-	2	-	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 56	CAUSE OF DEATH. <sup>1</sup>	DEATHS FROM IMPORTANT CAUSES IN EACH MUNICIPALITY: 1919 — Con.							
			Winchester.	Windsor.	Winthrop.	WOBURN.	WORCESTER.	Worthington.	Wrentham.	Yarmouth.
		All Causes. <sup>2</sup>	138	2	139	205	2,638	4	33	28
1		Typhoid fever (1), . . . . .	1	—	—	—	5	—	—	—
3		Malaria (4), . . . . .	—	—	—	—	—	—	—	—
4		Smallpox (5), . . . . .	—	—	—	—	—	—	—	—
5		Measles (6), . . . . .	—	—	—	—	24	—	1	—
6		Scarlet fever (7), . . . . .	—	—	1	—	4	—	—	—
7		Whooping cough (8), . . . . .	1	—	—	2	31	—	—	—
8		Diphtheria and croup (9), . . . . .	—	—	1	3	18	—	—	—
9		Influenza (10), . . . . .	16	—	6	16	133	—	—	—
(12)		Erysipelas (18), . . . . .	—	—	—	—	4	—	—	—
(12)		Other epidemic diseases (2, 3, 11-17, 19), . . . . .	—	—	—	1	2	—	—	—
13		Tuberculosis of the lungs (28, 29), . . . . .	5	—	7	14	187	—	2	2
14		Tuberculous meningitis (30), . . . . .	—	—	2	—	25	1	—	—
15		Other forms of tuberculosis (31-35), . . . . .	—	—	—	1	14	—	—	—
16		Cancer (39-45), . . . . .	17	—	13	20	200	—	3	4
(37)		Rheumatism (47, 48), . . . . .	1	—	1	1	5	—	—	—
(37)		Diabetes (50), . . . . .	2	—	3	1	27	—	1	—
17		Meningitis (61), . . . . .	—	—	1	2	12	—	1	—
(37)		Polio-myelitis (63a), . . . . .	—	—	—	—	—	—	—	—
18		Cerebral hemorrhage and softening (64, 65), . . . . .	13	—	16	22	177	1	3	6
(37)		Acute endocarditis (78), . . . . .	4	—	—	—	25	—	—	—
19		Organic diseases of the heart (79), . . . . .	21	—	15	24	199	1	7	10
(37)		Angina pectoris (80), . . . . .	3	—	—	4	8	—	—	—
(37)		Diseases of the arteries (81), . . . . .	2	—	5	8	94	—	—	—
20, 21		Bronchitis (89, 90), . . . . .	—	—	2	2	32	—	—	—
(23)		Broncho-pneumonia (91), . . . . .	6	—	4	7	144	1	4	1
22		Pneumonia (92), . . . . .	4	1	9	14	170	—	1	—
(23)		Other respiratory diseases (86-88, 93-98), . . . . .	—	—	—	—	10	—	—	—
24		Diseases of the stomach (102, 103), . . . . .	—	—	—	—	17	—	—	—
25		Diarrhea and enteritis (under 2 years) (104), . . . . .	1	—	—	1	78	—	1	—
26		Appendicitis (108), . . . . .	—	—	5	2	27	—	—	—
27		Hernia, intestinal obstruction (109), . . . . .	—	—	—	2	25	—	—	—
28		Cirrhosis of the liver (113), . . . . .	—	—	—	1	4	—	—	—
29		Nephritis and Bright's disease (119, 120), . . . . .	13	—	17	10	312	—	1	1
30		Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	1	—	—	—	11	—	1	—
31		Puerperal fever (137), . . . . .	—	—	1	1	7	—	—	—
32		Other puerperal affections (134-136, 138-141), . . . . .	1	—	1	3	32	—	1	1
33		Congenital debility and malformations (150, 151), . . . . .	12	—	9	12	167	—	—	1
34		Senility (154), . . . . .	—	—	—	1	7	—	—	—
(35)		Violent deaths (excluding suicide and homicide) (164-181, 185, 186), . . . . .	1	—	6	12	112	—	2	—
(35)		Burns (conflagration excepted) (167), . . . . .	—	—	—	3	22	—	1	—
(35)		Accidental drowning (169), . . . . .	1	—	2	1	3	—	1	—
(35)		Traumatism by fall (172), . . . . .	—	—	2	2	31	—	—	—
(35)		Railroad accidents and injuries (175a), . . . . .	—	—	—	2	2	—	—	—
(35)		Automobile accidents and injuries (175c), . . . . .	—	—	1	1	26	—	—	—
36		Suicide (155-163), . . . . .	2	—	2	—	20	—	1	—
(35)		Homicide (182-184), . . . . .	—	—	—	1	2	—	—	—
(37)		All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153), . . . . .	11	1	12	16	265	—	3	2
38		Ill-defined or unknown causes (187-189), . . . . .	—	—	—	1	2	—	—	—

<sup>1</sup> The numbers of the titles of the detailed International List included in each title of the abridged list appear in parentheses.

<sup>2</sup> Exclusive of stillbirths.



Table 57

DEATHS FROM IMPORTANT CAUSES: 1861 TO 1919.

YEARS.	All causes.	Ty-phoid fever.*	Small-pox.*	Meas-sles.*	Scarlet fever.*	Diph-theria and croup.*	Tuber-culosis of the lungs.*	Cancer.	Alco-holism.	Ne-phritis, Bright's disease, etc.
		1	5	6	7	9	28	39-45	56	119, 120, 122
1861, . . .	24,085	989	33	209	1,137	1,104	4,522	336	122	531
1862, . . .	22,974	1,135	40	369	1,261	1,147	4,269	319	124	563
1863, . . .	27,751	1,442	42	142	1,399	2,284	4,667	324	162	644
1864, . . .	28,753	1,344	242	320	1,503	1,999	4,733	330	142	632
1865, . . .	26,152	1,694	221	136	807	1,176	4,661	375	62	665
1866, . . .	23,637	1,091	141	109	385	830	4,600	416	43	597
1867, . . .	22,773	965	196	194	828	607	4,362	395	35	582
1868, . . .	25,603	896	20	287	1,369	782	4,437	445	74	676
1869, . . .	26,054	1,205	59	222	1,405	769	4,659	492	81	697
1870, . . .	27,329	1,333	131	269	683	676	5,003	516	75	777
1871, . . .	27,943	1,116	294	131	867	747	5,070	551	88	897
1872, . . .	35,019	1,703	1,029	428	1,377	753	5,556	542	134	994
1873, . . .	33,912	1,406	668	180	1,472	745	5,556	611	109	1,005
1874, . . .	31,887	1,147	26	161	1,382	913	5,284	585	107	932
1875, . . .	34,978	1,059	34	233	1,684	1,880	5,738	593	87	983
1876, . . .	33,186	881	31	47	1,222	3,294	5,327	657	86	933
1877, . . .	31,342	814	24	135	467	3,178	5,457	646	52	947
1878, . . .	31,303	679	2	305	404	2,517	5,334	807	65	935
1879, . . .	31,801	637	7	19	850	2,293	5,223	862	68	1,073
1880, . . .	35,292	882	38	236	574	2,394	5,494	928	112	969
1881, . . .	36,458	1,072	47	230	397	2,383	5,886	949	123	1,117
1882, . . .	36,785	1,079	45	68	318	1,771	5,865	987	126	1,190
1883, . . .	37,748	860	5	321	575	1,621	5,931	1,026	113	1,255
1884, . . .	36,990	875	3	75	627	1,646	5,798	1,060	125	1,234
1885, . . .	38,094	768	19	313	587	1,523	5,955	1,087	122	1,332
1886, . . .	37,224	800	-	130	331	1,558	5,897	1,104	108	1,354
1887, . . .	40,763	922	3	455	594	1,628	5,871	1,174	111	1,332
1888, . . .	42,097	943	8	219	504	1,831	5,728	1,275	126	1,522
1889, . . .	41,777	891	6	171	185	2,214	5,581	1,325	122	1,419
1890, . . .	43,528	835	1	114	196	1,626	5,791	1,387	151	1,448
1891, . . .	45,185	821	3	236	246	1,218	5,484	1,395	182	1,640
1892, . . .	49,762	827	2	88	669	1,455	5,729	1,402	193	1,665
1893, . . .	49,084	750	9	276	810	1,394	5,527	1,533	205	1,798
1894, . . .	46,791	748	33	98	649	1,801	5,463	1,568	150	1,844
1895, . . .	47,540	680	-	117	483	1,784	5,586	1,749	178	1,948
1896, . . .	49,381	723	-	137	249	1,677	5,536	1,798	195	2,067
1897, . . .	47,419	607	4	158	342	1,426	5,431	1,739	139	2,031
1898, . . .	46,761	663	-	82	141	706	5,288	1,907	161	2,205
1899, . . .	47,710	612	14	241	235	1,047	5,221	1,838	170	2,220
1900, . . .	51,156	632	3	330	330	1,475	5,199	1,998	226	2,259
1901, . . .	48,275	561	97	173	385	1,166	5,033	2,080	179	2,356
1902, . . .	47,491	538	284	333	313	873	4,685	2,141	171	2,341
1903, . . .	49,054	527	22	247	510	869	4,531	2,243	195	2,656
1904, . . .	48,482	463	9	160	138	699	4,874	2,421	162	2,610
1905, . . .	50,486	520	2	177	117	652	4,702	2,501	184	2,589
1906, . . .	50,624	477	-	208	135	743	4,608	2,603	161	2,593
1907, . . .	54,234	389	6	163	285	752	4,771	2,744	213	2,833
1908, . . .	51,788	517	3	331	369	747	4,445	2,814	114	2,631
1909, . . .	51,236	390	1	157	259	594	4,393	2,871	174	2,905
1910, . . .	54,407	411	-	240	254	679	4,503	3,028	224	3,061
1911, . . .	53,062	302	2	158	184	563	4,418	3,199	210	3,567
1912, . . .	52,400	269	1	286	118	473	4,212	3,282	197	2,980
1913, . . .	53,402	280	-	315	293	628	4,180	3,526	336	3,356
1914, . . .	52,978	268	-	149	246	652	4,171	3,586	299	3,420
1915, . . .	53,131	246	9	149	182	720	4,194	3,708	186	3,530
1916, . . .	56,366	172	-	392	127	629	4,467	3,990	212	3,593
1917, . . .	56,628	178	10	371	120	838	4,559	4,057	210	3,591
1918, . . .	78,842	160	-	532	78	608	5,078	4,098	111	4,008
1919, . . .	52,345	107	2	183	122	593	4,145	4,112	68	3,743

Abridged Int. List No.	Table 58 CAUSE OF DEATH. <sup>1</sup>	NUMBER OF DEATHS. <sup>2</sup>					
		1919.	1918.	1917.	1916.	1915.	1914.
	<b>All Causes.<sup>2</sup></b>	<b>52,345</b>	<b>78,842</b>	<b>56,628</b>	<b>56,366</b>	<b>53,131</b>	<b>52,978</b>
I.	General diseases, . . . . .	15,210	28,183	14,379	14,111	12,859	12,591
II.	Diseases of the nervous system and of the organs of special sense, . . . . .	5,733	5,846	5,778	5,774	5,207	4,520
III.	Diseases of the circulatory system, . . . . .	8,896	9,745	11,072	11,134	9,972	10,799
IV.	Diseases of the respiratory system, . . . . .	6,313	16,078	7,391	7,859	7,824	7,255
V.	Diseases of the digestive system, . . . . .	3,822	5,326	5,307	5,071	5,124	5,536
VI.	Nonvenereal diseases of the genito-urinary system and adnexa, . . . . .	4,273	4,403	4,036	4,038	3,981	3,922
VII.	The puerperal state,* . . . . .	622	804	616	525	462	538
VIII.	Diseases of the skin and of the cellular tissue, . . . . .	169	170	159	181	160	126
IX.	Diseases of the bones and of the organs of locomotion, . . . . .	88	96	117	129	104	118
X.	Malformations,* . . . . .	727	751	644	691	688	591
XI.	Early infancy, . . . . .	2,839	3,433	3,038	2,895	3,100	3,359
XII.	Old age, . . . . .	210	229	205	249	323	415
XIII.	External causes, . . . . .	3,242	3,442	3,584	3,402	3,206	3,070
XIV.	Ill-defined diseases, . . . . .	201	336	302	217	121	138
1	Typhoid fever (1),* . . . . .	107	160	178	172	246	268
2	Typhus fever (2),* . . . . .	—	1	—	—	—	1
3	Malaria (4), . . . . .	4	5	5	4	6	8
4	Smallpox (5),* . . . . .	2	—	10	—	9	—
5	Measles (6),* . . . . .	183	532	371	392	149	149
6	Scarlet fever (7),* . . . . .	122	78	120	127	182	246
7	Whooping cough (8),* . . . . .	323	729	243	346	283	225
8	Diphtheria and croup (9),* . . . . .	593	608	838	629	720	652
9	Influenza (10), . . . . .	2,872	13,783	494	539	232	129
10	Asiatic cholera (12),* . . . . .	—	—	—	—	—	—
11	Cholera nostras (13), . . . . .	7	1	—	1	—	1
12	Other epidemic diseases (3, 11, 14-19), . . . . .	122	252	369	338	272	318
13	Tuberculosis of the lungs (28, 29), . . . . .	4,221	5,177	4,651	4,575	4,283	4,261
14	Tuberculous meningitis (30), . . . . .	410	422	433	453	425	429
15	Other forms of tuberculosis (31-35), . . . . .	293	370	325	394	339	371
16	Cancer and other malignant tumors (39-45), . . . . .	4,112	4,098	4,057	3,990	3,708	3,586
17	Simple meningitis (61), . . . . .	325	418	297	370	291	404
18	Cerebral hemorrhage and softening (64, 65), . . . . .	4,272	4,173	3,991	3,510	3,483	2,656
19	Organic diseases of the heart (79),* . . . . .	6,031	6,793	7,890	7,152	4,625	5,428
20	Acute bronchitis (89), . . . . .	477	644	432	419	313	296
21	Chronic bronchitis (90),* . . . . .	217	328	269	396	523	515
22	Pneumonia (92), . . . . .	2,614	10,339	4,028	4,013	3,736	3,393
23	Other diseases of the respiratory system (tuberculosis excepted) (86-88, 91, 93-98), . . . . .	3,005	4,767	2,662	3,031	3,252	3,051
24	Diseases of the stomach (cancer excepted) (102, 103), . . . . .	386	472	508	475	572	657
25	Diarrhea and enteritis (under 2 years) (104),* . . . . .	1,493	2,646	2,502	2,391	2,536	2,843
26	Appendicitis and typhlitis (108), . . . . .	391	415	435	364	322	349
27	Hernia, intestinal obstruction (109), . . . . .	442	427	346	389	430	473
28	Cirrhosis of the liver (113),* . . . . .	181	256	325	360	302	244
29	Acute nephritis and Bright's disease (119, 120), . . . . .	3,672	3,945	3,508	3,490	3,486	3,377
30	Noncancerous tumors and other diseases of the female genital organs (128-132), . . . . .	197	128	179	214	164	155
31	Puerperal septicemia (puerperal fever, peri- tonitis) (137),* . . . . .	163	159	194	159	106	104
32	Other puerperal accidents of pregnancy and labor (134-136, 138-141),* . . . . .	459	645	422	366	356	434
33	Congenital debility and malformations (150, 151),* . . . . .	2,775	3,406	3,056	3,151	3,546	3,800
34	Senility (154), . . . . .	210	229	205	249	323	415
35	Violent deaths (suicide excepted) (164-186), . . . . .	2,797	2,950	3,091	2,947	2,691	2,575
36	Suicide (155-163),* . . . . .	445	492	493	455	515	495
37	Other diseases (20-27, 36-38, 46-60, 62, 63, 66-78, 80-85, 99-101, 105-107, 110-112, 114- 118, 121-127, 133, 142-149, 152, 153), . . . . .	8,225	8,658	9,399	10,388	10,463	10,532
38	Unknown or ill-defined diseases (187-189), . . . . .	201	336	302	217	121	138

<sup>1</sup> Abridged International List of Causes of Death. The title or titles of the detailed International List that are included under each heading are shown by numbers in parentheses.

Abridged Int. List No.	DEATH RATES <sup>2</sup> PER 100,000 POPULATION.						PER CENT DISTRIBUTION.					
	1919.	1918.	1917.	1916.	1915.	1914.	1919.	1918.	1917.	1916.	1915.	1914.
	1,364.7	2,017.7	1,474.1	1,492.9	1,438.6	1,453.9	100.0	100.0	100.0	100.0	100.0	100.0
I.	396.5	721.2	374.3	373.7	348.2	345.5	29.1	35.7	25.4	25.0	24.2	23.8
II.	149.5	149.6	150.4	152.9	141.0	124.0	10.9	7.4	10.2	10.3	9.8	8.5
III.	231.9	249.3	288.2	294.9	270.0	296.4	17.0	12.4	19.6	19.8	18.8	20.4
IV.	164.6	411.5	192.4	208.1	211.8	199.1	12.1	20.4	13.1	13.9	14.7	13.7
V.	99.7	136.3	138.1	134.3	138.7	151.9	7.3	6.8	9.4	9.0	9.6	10.4
VI.	111.4	112.7	105.1	106.9	107.8	107.6	8.1	5.6	7.1	7.2	7.5	7.4
VII.	16.2	20.6	16.0	13.9	12.5	14.8	1.2	1.0	1.1	.9	.9	1.0
VIII.	4.4	4.4	4.1	4.8	4.3	3.5	.3	.2	.3	.3	.3	.2
IX.	2.3	2.6	3.0	3.4	2.8	3.2	.2	.1	.2	.2	.2	.2
X.	19.0	19.2	16.8	18.3	18.6	16.3	1.4	1.0	1.1	1.2	1.3	1.1
XI.	74.0	87.9	79.1	76.7	83.9	92.2	5.4	4.4	5.4	5.1	5.8	6.3
XII.	5.5	5.9	5.3	6.6	8.7	11.4	.4	.3	.4	.4	.6	.8
XIII.	84.5	88.1	93.3	90.1	86.8	84.3	6.2	4.4	6.3	6.0	6.0	5.8
XIV.	5.2	8.6	7.9	5.7	3.3	3.8	.4	.4	.5	.4	.2	.3
1	2.8	4.1	4.6	4.6	6.7	7.4	.2	.2	.3	.3	.5	.5
2	-	- <sup>3</sup>	-	-	-	-	- <sup>4</sup>	- <sup>4</sup>	-	-	-	- <sup>4</sup>
3	.1	.1	.1	.1	.2	.2	.4	.4	.4	.4	.4	.4
4	- <sup>3</sup>	-	.3	-	.2	-	.4	-	.4	-	.4	-
5	4.8	13.6	9.7	10.4	4.0	4.1	.3	.7	.7	.7	.3	.3
6	3.2	2.0	3.1	3.4	4.9	6.8	.2	.1	.2	.2	.3	.5
7	8.4	18.7	6.3	9.2	7.7	6.2	.6	.9	.4	.6	.5	.4
8	15.5	15.6	21.8	16.7	19.5	17.9	1.1	.8	1.5	1.1	1.4	1.2
9	74.9	352.7	12.9	14.3	6.3	3.5	5.5	17.5	.9	1.0	.4	.2
10	-	-	-	-	-	-	-	-	-	-	-	-
11	.2	- <sup>3</sup>	-	-	-	- <sup>3</sup>	.4	.4	-	.4	-	.4
12	3.2	6.4	9.6	9.0	7.4	8.7	.2	.3	.7	.6	.5	.6
13	110.0	132.5	121.1	121.2	116.0	116.9	8.1	6.6	8.2	8.1	8.1	8.0
14	10.7	10.8	11.3	12.0	11.5	11.8	.8	.5	.8	.8	.8	.8
15	7.5	9.5	8.5	10.4	9.2	10.2	.6	.5	.6	.7	.6	.7
16	107.2	104.9	105.6	105.7	100.4	98.4	7.9	5.2	7.2	7.1	7.0	6.8
17	8.5	10.7	7.7	9.8	7.9	11.1	.6	.5	.5	.7	.5	.8
18	111.4	106.8	103.9	93.0	94.3	72.9	8.2	5.3	7.0	6.2	6.6	5.0
19	157.3	173.8	205.4	189.4	125.2	149.0	11.5	8.6	13.9	12.7	8.7	10.2
20	12.4	16.5	11.2	11.1	8.5	8.1	.9	.8	.8	.7	.6	.6
21	5.7	8.4	7.0	10.5	14.2	14.1	.4	.4	.5	.7	1.0	1.0
22	68.2	264.6	104.9	106.3	101.2	93.1	5.0	13.1	7.1	7.1	6.8	6.4
23	78.3	122.0	69.3	80.3	88.0	83.7	5.7	6.0	4.7	5.4	6.1	5.8
24	10.1	12.1	13.2	12.6	15.5	18.0	.7	.6	.9	.8	1.1	1.2
25	38.9	67.7	65.1	63.3	68.7	78.0	2.9	3.4	4.4	4.2	4.8	5.4
26	10.2	10.6	11.3	9.6	8.7	9.6	.8	.5	.8	.6	.6	.7
27	11.5	10.9	9.0	10.3	11.6	13.0	.8	.6	.6	.7	.8	.9
28	4.7	6.6	8.5	9.5	8.2	6.7	.4	.3	.6	.6	.6	.5
29	95.7	101.0	91.3	92.4	94.4	92.7	7.0	5.0	6.2	6.2	6.6	6.4
30	5.1	3.3	4.7	5.7	4.4	4.3	.4	.2	.3	.4	.3	.3
31	4.3	4.1	5.0	4.2	2.9	2.9	.3	.2	.3	.3	.2	.2
32	12.0	16.3	11.0	9.7	9.6	11.9	.9	.8	.7	.6	.7	.8
33	72.3	87.2	79.5	83.5	96.0	104.3	5.3	4.4	5.4	5.6	6.7	7.2
34	5.5	5.9	5.3	6.6	8.7	11.4	.4	.3	.4	.4	.6	.8
35	72.9	75.5	80.5	78.0	72.9	70.7	5.3	3.7	5.5	5.2	5.1	4.9
36	11.6	12.6	12.8	12.1	13.9	13.6	.9	.6	.9	.8	1.0	.9
37	214.4	221.6	244.7	275.1	283.3	289.0	15.7	11.0	16.6	18.4	19.7	19.9
38	5.2	8.6	7.9	5.7	3.3	3.8	.4	.4	.5	.4	.2	.3

<sup>2</sup> Exclusive of stillbirths.<sup>4</sup> Less than one-tenth of 1 per cent.<sup>3</sup> Less than one-tenth of 1 per 100,000.

Table 59

DEATH RATES PER 100,000 POPULATION BASED ON ANNUAL AVERAGE  
NUMBER OF DEATHS FOR THE FIVE-YEAR PERIOD OF WHICH THE CENSUS YEAR  
IS THE MEDIAN YEAR:<sup>1</sup> CENSUS YEARS 1865 TO 1915;  
AND DEATH RATE BASED ON ACTUAL NUMBER OF DEATHS: 1916 TO 1919.

YEARS.									
	All causes. <sup>2</sup>	Ty-phoid fever.*	Small-pox.*	Meas-les.*	Scarlet fever.*	Diph-theria and croup.*	Tuber-culosis of the lungs.*	Cancer.	Ne-phritis, Bright's disease, etc.
	1	5	6	7	9	28	39-45	119, 120, 122	
1865, . . . .	2,037.3	103.2	13.3	14.2	77.7	108.8	363.4	29.0	49.2
1870, . . . .	1,948.1	85.8	21.1	18.3	78.2	51.1	339.3	34.9	55.4
1875, . . . .	2,001.4	64.2	9.5	9.1	75.4	121.2	331.3	30.0	58.1
1880, . . . .	1,925.2	41.2	1.4	6.2	24.0	99.2	311.8	50.9	59.8
1885, . . . .	1,965.0	43.5	.3	13.3	28.0	82.1	303.3	56.1	68.0
1890, . . . .	1,977.3	38.5	.2	7.4	16.1	74.5	252.9	60.6	68.7
1895, . . . .	1,921.6	28.1	.4	6.3	20.3	64.6	220.3	67.0	77.5
1900, . . . .	1,721.0	21.4	2.9	8.3	10.0	37.5	181.3	71.0	81.1
1905, . . . .	1,677.0	15.8	.3	6.3	7.9	24.6	155.7	83.0	88.1
1910, . . . .	1,566.2	11.2	— <sup>3</sup>	6.9	7.0	18.1	130.0	89.9	89.6
1915, . . . .	1,475.7	6.2	.1	7.5	5.2	18.8	116.8	102.2	94.7
1916, . . . .	1,492.9	5.7	—	10.4	3.4	16.7	118.3	105.7	95.5
1917, . . . .	1,474.1	4.6	.3	9.7	3.1	21.8	118.7	105.6	93.5
1918, . . . .	2,017.7	4.1	—	13.6	2.0	15.6	130.0	104.9	102.6
1919, . . . .	1,364.7	2.8	— <sup>3</sup>	4.8	3.2	15.5	108.1	107.2	97.6

<sup>1</sup> This method eliminates any peculiarities in the census year and makes the rates more typical of the period as a whole.

<sup>2</sup> Exclusive of stillbirths.

<sup>3</sup> Less than one-tenth of 1 per 100,000.

Table 60

DEATHS PRODUCED BY EXTERNAL CAUSES: 1902 TO 1919.

YEARS.	Total.	Burns and scalds.*	Other acute poisonings.	Acci-dental in-juries.	Acci-dental drown-ing.*	Freez-ing.*	Effects of heat.*	Homi-cide, including infanti-cide. <sup>1</sup> *	Sui-cide.*	Other external causes.
	155-186	167	165	170-176	169	178	179	182-184	155-163	164-186 <sup>2</sup>
1902, . . . .	2,108	212	88	1,013	356	19	10	27	255	128
1903, . . . .	2,246	207	87	1,126	344	25	14	— <sup>3</sup>	314	129
1904, . . . .	2,160	223	98	1,056	300	28	16	29	301	109
1905, . . . .	2,326	315	90	1,117	303	19	56	24	298	104
1906, . . . .	2,358	271	90	1,223	317	15	33	31	280	98
1907, . . . .	2,681	322	88	1,363	309	3	36	44	400	116
1908, . . . .	2,664	290	104	1,257	350	18	30	66	436	113
1909, . . . .	2,578	292	87	1,247	313	16	39	68	416	100
1910, . . . .	2,825	268	90	1,477	300	15	23	76	438	138
1911, . . . .	3,418	315	78	1,423	301	18	614	85	449	135
1912, . . . .	3,097	331	51	1,487	303	21	53	92	478	281
1913, . . . .	3,222	311	52	1,525	364	.7	25	111	486	341
1914, . . . .	3,070	312	52	1,420	304	32	17	106	495	332
1915, . . . .	3,206	274	56	1,522	362	11	17	113	515	336
1916, . . . .	3,402	282	46	1,718	318	27	26	115	455	415
1917, . . . .	3,584	309	55	1,719	315	27	91	106	493	469
1918, . . . .	3,442	302	46	1,636	276	17	14	93	492	566
1919, . . . .	3,242	296	118	1,491	292	13	26	102	445	459

<sup>1</sup> Electrocutation not included.

<sup>2</sup> Balance between.

<sup>3</sup> Not tabulated.

Detailed Int. List No.	Table 61 CAUSE OF DEATH AND AGE PERIOD.	DEATHS FROM CANCER BY SEX, AGE, AND MARITAL CONDITION: 1919.									
		MALES.					FEMALES.				
		Single.	Married.	Widowed.	Divorced.	Unknown.	Single.	Married.	Widowed.	Divorced.	Unknown.
39-45	Cancer (all causes).	206	987	370	10	1	394	1,212	907	24	
	Under 20 years, . . . . .	20	-	-	-	-	14	1	-	-	
	20 to 29 years, . . . . .	16	4	-	-	-	14	16	2	1	
	30 to 39 years, . . . . .	19	44	5	1	-	18	114	7	-	
	40 to 49 years, . . . . .	27	128	11	1	-	72	274	41	5	
	50 to 59 years, . . . . .	57	287	48	2	-	109	382	129	11	1
	60 to 69 years, . . . . .	50	303	106	2	-	87	305	261	2	-
	70 to 79 years, . . . . .	14	185	130	4	1	49	102	311	3	-
	80 years and over, . . . . .	3	36	70	-	-	31	18	156	2	-
	Unknown age, . . . . .	-	-	-	-	-	-	-	-	-	
39	Cancer of the buccal cavity, . . . . .	14	73	37	1	-	6	14	8	-	-
	Under 20 years, . . . . .	-	-	-	-	-	-	-	-	-	-
	20 to 29 years, . . . . .	-	-	-	-	-	1	-	-	-	-
	30 to 39 years, . . . . .	-	1	-	-	-	-	3	-	-	-
	40 to 49 years, . . . . .	1	11	-	-	-	1	-	-	-	-
	50 to 59 years, . . . . .	7	23	4	1	-	2	4	1	-	-
	60 to 69 years, . . . . .	3	20	10	-	-	1	4	1	-	-
	70 to 79 years, . . . . .	2	18	13	-	-	-	1	2	-	-
	80 years and over, . . . . .	1	-	10	-	-	1	2	4	-	-
	Unknown age, . . . . .	-	-	-	-	-	-	-	-	-	-
40	Cancer of the stomach, liver, . . . . .	75	420	150	4	-	85	312	299	7	-
	Under 20 years, . . . . .	-	-	-	-	-	1	-	-	-	-
	20 to 29 years, . . . . .	1	2	-	-	-	5	-	1	-	-
	30 to 39 years, . . . . .	8	12	4	1	-	4	23	1	-	-
	40 to 49 years, . . . . .	12	69	5	1	-	14	61	6	1	-
	50 to 59 years, . . . . .	28	132	23	1	-	23	82	42	4	-
	60 to 69 years, . . . . .	25	129	46	-	-	21	95	94	1	-
	70 to 79 years, . . . . .	1	65	52	1	-	12	43	111	1	-
	80 years and over, . . . . .	-	11	20	-	-	5	8	44	-	-
	Unknown age, . . . . .	-	-	-	-	-	-	-	-	-	-
41	Cancer of the peritoneum, in- testines, rectum, . . . . .	39	205	61	1	-	66	207	185	5	-
	Under 20 years, . . . . .	1	-	-	-	-	4	-	-	-	-
	20 to 29 years, . . . . .	7	2	-	-	-	3	-	1	1	-
	30 to 39 years, . . . . .	5	15	1	-	-	4	14	-	-	-
	40 to 49 years, . . . . .	7	20	2	-	-	6	30	5	1	-
	50 to 59 years, . . . . .	9	53	5	-	-	11	75	20	1	-
	60 to 69 years, . . . . .	5	65	21	-	-	19	67	58	-	-
	70 to 79 years, . . . . .	4	39	22	1	-	11	17	76	1	-
	80 years and over, . . . . .	1	11	10	-	-	8	4	25	1	-







## D. MATERNAL MORTALITY.

Table 62

DEATHS AND DEATH RATES PER 100,000 POPULATION FROM DISEASES CAUSED BY PREGNANCY AND CONFINEMENT.\* 1901 TO 1919.

YEARS.	DEATHS.			DEATH RATES —								
	Total. 134-141	Puerperal septicemia. 137	All other. 134-136, 138-141	PER 100,000 POPU- LATION.			PER 100,000 FEMALE POPULATION.			PER 100,000 MARRIED FEMALE POPULA- TION, 15 TO 44 YEARS OF AGE.		
				Total.	Puerperal septicemia.	All others.	Total.	Puerperal septicemia.	All others.	Total.	Puerperal septicemia.	All others.
1901, . . . . .	273	57	216	9.6	2.0	7.6	18.6	3.9	14.7	74.8	15.6	59.2
1902, . . . . .	277	61	216	9.6	2.1	7.5	18.5	4.1	14.4	74.3	16.4	57.9
1903, . . . . .	310	100	210	10.6	3.4	7.2	20.4	6.6	13.8	81.4	26.3	55.1
1904, . . . . .	339	87	252	11.4	2.9	8.5	21.7	5.6	16.1	87.3	22.4	64.9
1905, . . . . .	318	60	258	10.5	2.0	8.5	20.1	3.8	16.3	80.2	15.1	65.1
1906, . . . . .	340	87	253	11.0	2.8	8.2	21.2	5.4	15.8	84.1	21.5	62.6
1907, . . . . .	386	83	303	12.2	2.6	9.6	23.6	5.1	18.5	93.7	20.1	73.6
1908, . . . . .	357	37	320	11.0	1.1	9.9	21.5	2.2	19.3	85.1	8.8	76.3
1909, . . . . .	456	89	367	13.8	2.7	11.1	27.0	5.3	21.7	106.7	20.8	85.9
1910, . . . . .	402	104	298	11.9	3.1	8.8	23.4	6.1	17.3	92.3	23.9	68.4
1911, . . . . .	506	143	363	14.7	4.2	10.6	29.0	6.0	23.0	114.2	32.3	81.9
1912, . . . . .	435	97	338	12.4	2.8	9.6	24.5	5.5	19.0	96.5	21.5	75.0
1913, . . . . .	467	101	366	13.1	2.8	10.2	25.9	5.6	20.3	101.3	22.0	79.8
1914, . . . . .	538	104	434	14.8	2.9	11.9	29.4	5.7	23.7	115.3	22.3	93.0
1915, . . . . .	462	106	356	12.5	2.9	9.6	24.9	5.7	19.2	97.4	22.3	75.1
1916, . . . . .	525	159	366	13.9	4.2	9.7	27.3	8.3	19.0	106.0	32.1	73.9
1917, . . . . .	616	194	422	16.0	5.0	11.0	31.5	9.9	21.6	122.0	38.4	83.6
1918, . . . . .	804	159	645	20.6	4.1	16.5	40.4	8.0	32.4	-	-	-
1919, . . . . .	622	163	459	16.2	4.2	11.9	31.8	8.3	23.5	-	-	-

Table 63

DEATH RATES PER 10,000 CONFINEMENTS AND PER 10,000 BIRTHS<sup>1</sup> FROM DISEASES CAUSED BY PREGNANCY AND CONFINEMENT (134-141):\* 1901 TO 1919.

YEARS.	PER 10,000 CON- FINEMENTS. <sup>1</sup>			PER 10,000 BIRTHS. <sup>2</sup>			PER 10,000 LIVE BIRTHS.			PER 10,000 CONFINEMENTS. <sup>1</sup> 134-141	
	Total. 134-141	Puerperal septicemia. 137	All others. 134-136, 138-141	Total. 134-141	Puerperal septicemia. 137	All others. 134-136, 138-141	Total. 134-141	Puerperal septicemia. 137	All others. 134-136, 138-141	Three-year averages.	Five-year averages.
1901, . . . . .	37	8	29	37	8	29	38	8	30	38	40
1902, . . . . .	37	8	29	37	8	29	38	8	30		
1903, . . . . .	41	13	28	41	13	28	42	14	28	42	44
1904, . . . . .	44	11	33	44	11	33	45	12	33		
1905, . . . . .	41	8	33	41	8	33	42	8	34	45	51
1906, . . . . .	41	11	30	41	10	31	42	11	31		
1907, . . . . .	44	10	34	44	9	35	45	10	35	49	51
1908, . . . . .	40	4	36	40	4	36	41	4	37		
1909, . . . . .	52	10	42	52	10	42	54	11	43	51	67 <sup>3</sup>
1910, . . . . .	45	12	33	45	12	33	46	12	34		
1911, . . . . .	56	16	40	55	16	39	57	16	41	67	67 <sup>3</sup>
1912, . . . . .	47	11	36	47	10	37	48	11	37		
1913, . . . . .	50	11	39	49	11	38	51	11	40	69	69 <sup>3</sup>
1914, . . . . .	56	11	45	56	11	45	58	11	47		
1915, . . . . .	48	11	37	48	11	37	48	11	37	69	69 <sup>3</sup>
1916, . . . . .	55	17	39	54	16	38	56	17	39		
1917, . . . . .	63	20	43	62	20	43	64	20	44	69	69 <sup>3</sup>
1918, . . . . .	82	16	66	81	16	65	84	17	67		
1919, . . . . .	69	18	51	68	18	50	71	19	52	69	69 <sup>3</sup>
1920, . . . . .	69	18	51	68	18	50	71	19	52		

<sup>1</sup> Inclusive of stillbirths and making proper deductions for plural births.<sup>2</sup> Inclusive of stillbirths.<sup>3</sup> Four-year average.

## E. DEATHS INVESTIGATED

Line No.	Table 64 CAUSE OF DEATH.	DEATHS (INCLUSIVE OF STILLBIRTHS)					
		THE STATE.		COUNTIES.			
		Number.	Per Cent distribution.	Barnstable.	Berkshire.	Bristol.	Dukes.
1	<b>All Causes.</b>	<b>6,183<sup>1</sup></b>	<b>100.0</b>	<b>53</b>	<b>130</b>	<b>569</b>	<b>8</b>
2	<b>VIOLENCE.</b>	<b>2,854</b>	<b>46.2</b>	<b>16</b>	<b>66</b>	<b>223</b>	<b>1</b>
3	<i>Homicide.</i>	104	1.7	—	3	4	—
4	Firearms (182), . . . . .	47	.7	—	2	—	—
5	Stabbing (183), . . . . .	16	.3	—	1	1	—
6	Infanticide (184c), . . . . .	14	.2	—	—	3	—
7	Other methods (184), . . . . .	27	.4	—	—	—	—
8	<i>Suicide.</i>	449	7.2	5	7	36	—
9	Firearms (159), . . . . .	121	1.9	1	2	3	—
10	Asphyxia by illuminating gas (156a), . . . . .	126	2.0	—	1	11	—
11	Hanging (157), . . . . .	58	.9	—	1	8	—
12	Poisons (155), . . . . .	39	.6	—	3	5	—
13	Drowning (158), . . . . .	52	.8	3	—	6	—
14	Cutting throat (160), . . . . .	31	.6	1	—	2	—
15	Other methods, . . . . .	22	.3	—	—	1	—
16	<i>Accident or Negligence.</i>	2,301	37.3	11	56	183	1
17	Public travel (railroads, vehicles, etc.) (175), . . . . .	821	13.2	4	16	60	—
18	Falls, blows, and falling bodies (172, 186), . . . . .	481	7.9	2	5	37	—
19	Burns, scalds, and explosions (166, 167), . . . . .	265	4.4	—	3	34	—
20	Drowning (169), . . . . .	268	4.4	5	17	15	—
21	Asphyxia (other than drowning) (168), . . . . .	203	3.3	—	9	27	—
22	Machinery (174), . . . . .	42	.7	—	2	6	1
23	Weather agencies (178-180), . . . . .	23	.4	—	1	1	—
24	Poisons (165), . . . . .	117	1.9	—	1	2	—
25	Firearms and other weapons (170), . . . . .	37	.6	—	1	—	—
26	Other accidental causes, . . . . .	44	.7	—	1	1	—
27	<i>Legal Electrocution.</i>	—	—	—	—	—	—
28	<b>CAUSES NOT DUE TO VIOLENCE.</b>	<b>3,221</b>	<b>52.1</b>	<b>36</b>	<b>62</b>	<b>312</b>	<b>7</b>
29	Natural causes, . . . . .	2,929	47.3	36	50	253	6
30	Alcoholism (56), . . . . .	106	1.7	—	6	4	—
31	Unknown or ill-defined causes, . . . . .	186	3.0	—	6	55	1
32	<b>STILLBIRTHS.</b>	<b>108</b>	<b>1.7</b>	<b>1</b>	<b>2</b>	<b>34</b>	<b>—</b>
	<b>Autopsies.</b>						
33	Number, . . . . .	486	—	2	5	16	—
34	Per cent of cases investigated, . . . . .	—	7.8	3.8	3.8	2.8	—

<sup>1</sup> Includes 550 views for cremations.

## BY MEDICAL EXAMINERS.

INVESTIGATED BY MEDICAL EXAMINERS, BY CAUSE OF DEATH, IN EACH COUNTY: 1919.

Line No.	COUNTIES — Con.									
	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1	595	70	439	103	1,178	2	328	202	1,867	639
2	336	36	259	43	491	—	124	111	866	282
3	11	2	6	—	14	—	2	6	47	9
4	5	1	3	—	5	—	1	2	25	3
5	—	—	1	—	4	—	—	—	9	—
6	3	—	—	—	1	—	—	—	5	2
7	3	1	2	—	4	—	1	4	8	4
8	58	3	34	5	79	—	18	17	130	57
9	12	2	11	—	29	—	7	6	33	15
10	26	—	9	—	15	—	3	7	47	7
11	9	1	2	1	8	—	3	4	10	11
12	4	—	3	1	4	—	2	—	9	8
13	5	—	3	2	11	—	1	—	15	6
14	1	—	5	—	10	—	2	—	5	5
15	1	—	1	1	2	—	—	—	11	5
16	267	31	219	38	398	—	104	88	689	221
17	98	14	69	10	170	—	43	35	220	82
18	49	4	33	7	72	—	16	14	189	53
19	25	1	20	4	42	—	11	16	78	31
20	48	8	22	11	52	—	21	8	42	19
21	23	—	7	1	25	—	6	7	84	14
22	9	—	5	—	3	—	—	—	15	1
23	4	—	—	1	5	—	—	1	5	5
24	1	2	53	3	10	—	2	3	35	5
25	2	—	6	—	8	—	3	3	12	2
26	8	2	4	1	11	—	2	1	9	4
27	—	—	—	—	—	—	—	—	—	—
28	254	34	173	60	665	2	202	90	975	349
29	217	20	169	51	624	—	193	78	892	340
30	13	1	3	1	5	—	2	6	62	3
31	24	13	1	8	36	2	7	6	21	6
32	5	—	7	—	22	—	2	1	26	8
33	13	3	28	4	45	—	15	18	315	22
34	2.2	4.3	6.4	4.0	3.8	—	4.5	8.9	16.8	3.4

Detailed Int. List No.	Table 65  CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	All Causes.	T M F	6,183 3,995 2,188	629 386 243	539 342 197	517 347 170	540 340 200	521 348 173	491 320 171	540 343 197	453 300 153	393 263 130	479 314 165	448 303 145	633 389 244
	All Causes (exclusive of Stillbirths).	T M F	6,075 3,938 2,137	622 380 242	531 336 195	509 343 166	533 335 198	510 346 164	483 314 169	531 337 194	442 292 150	385 261 124	467 310 157	443 301 142	619 383 236
	VIOLENCE.	T M F	2,854 2,075 779	262 168 94	224 159 65	203 157 46	239 176 63	253 186 67	247 183 64	255 191 64	252 184 68	197 151 46	231 174 57	207 149 58	284 197 87
	Suicide.	T M F	449 294 155	34 23 11	38 25 13	41 32 9	49 31 18	48 33 15	46 29 17	37 22 15	40 23 17	22 13 9	33 25 8	25 18 7	36 20 16
155	By poison, . . . . .	T M F	39 19 20	5 4 1	3 1 2	2 2 —	7 4 3	7 1 6	2 1 1	4 1 3	3 3 —	1 1 1	3 2 1	1 1 1	1 1 1
155a	Arsenic and its compounds, .	T M F	14 7 7	1 1 —	— 2 —	— 2 —	2 2 —	4 1 3	— 2 —	2 1 —	— 1 —	1 — 1	— — —	1 — 1	— — —
155b	Opium and its preparations, .	T M F	4 3 1	1 1 —	1 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	1 1 —	— — —	1 1 1
155c	Carbolic acid, . . . . .	T M F	8 2 6	3 2 1	— — —	— — —	1 — 1	2 — 2	— — —	1 — 1	— — —	— — —	1 — 1	— — —	— — —
155d	Other poisons, . . . . .	T M F	13 7 6	— — —	2 — 2	— — —	4 2 2	1 — 1	2 1 —	1 1 —	2 2 —	— 1 —	1 1 —	— — —	— — —
156	By asphyxia, . . . . .	T M F	128 62 66	7 2 5	12 8 4	11 7 4	14 9 5	14 6 8	10 2 8	6 3 3	7 2 5	13 6 7	14 11 3	7 3 4	13 3 10
156a	Illuminating gas, . . . . .	T M F	126 62 64	7 2 5	12 8 4	11 7 4	14 9 5	14 6 8	10 2 8	6 3 3	7 2 5	13 6 7	14 11 3	6 3 3	12 3 9
156b	Other forms of asphyxia, .	T M F	2 — 2	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	1 — 1	— — 1
157	By hanging or strangulation, .	T M F	58 42 16	5 3 2	3 2 1	6 5 1	8 5 3	11 10 1	5 4 1	5 2 1	6 3 3	1 1 3	2 1 —	4 1 1	2 4 —
158	By drowning, . . . . .	T M F	52 24 28	3 1 2	3 1 2	8 5 3	11 5 6	1 1 —	3 2 2	5 1 —	5 2 4	1 1 1	4 3 1	2 1 1	6 3 3
159	By firearms, . . . . .	T M F	121 110 11	7 7 —	14 11 3	12 11 1	7 7 —	13 13 —	16 16 —	12 9 3	14 11 3	4 4 —	8 7 1	7 7 —	7 7 —
160	By cutting or piercing instru- ments.	T M F	31 27 4	5 4 1	2 1 1	2 — —	— — —	1 1 —	6 5 1	5 5 —	2 2 —	1 1 —	1 1 —	2 1 1	4 4 —
161	By jumping from high places, .	T M F	11 6 5	1 1 —	1 1 —	— — —	— — —	1 1 —	4 — 4	— — —	2 1 1	— — —	— — —	2 2 —	— — —
162	By crushing, . . . . .	T M F	5 2 3	— — —	— — —	— — —	2 1 1	— — —	— — —	— — —	1 1 1	— 1 —	1 1 1	— — —	— — —

CAUSES, INVESTIGATED BY MEDICAL EXAMINERS BY CAUSES, SEX,  
CAUSES, SEX, AND AGE: 1919.

Detailed Int. List No.	AGE PERIODS.														Unknown.
	Under 1 week.	1 week but under 1 year.	1 to 4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 years and over.		
	188 110 78	310 189 121	335 217 118	282 190 92	172 128 44	182 136 46	499 344 155	620 456 164	733 510 223	831 568 263	860 556 304	714 388 326	397 161 236	60 42 18	
	80 53 27	310 189 121	335 217 118	282 190 92	172 128 44	182 136 46	499 344 155	620 456 164	733 510 223	831 568 263	860 556 304	714 388 326	397 161 236	60 42 18	
	12 9 3	55 40 15	240 156 84	247 169 78	146 120 26	154 122 32	361 277 84	389 307 82	376 293 83	328 246 82	236 160 76	187 115 72	106 49 57	17 12 5	
	-	-	-	-	2 1 1	15 9 6	66 41 25	85 55 30	94 63 31	83 57 26	59 38 21	26 19 7	17 10 7	2 1 1	
155	-	-	-	-	1 1	1 1	7 2 5	15 6 9	11 8 3	3 3 -	1 3 1	-	-	-	
155a	-	-	-	-	1 1	1 1	-	3 2 1	7 4 3	1 1 -	1 1 1	-	-	-	
155b	-	-	-	-	-	-	1 1 -	1 1 1	2 2 -	-	-	-	-	-	
155c	-	-	-	-	-	-	3 - 3	5 2 3	-	-	-	-	-	-	
155d	-	-	-	-	-	-	3 1 2	6 2 4	2 2 -	2 2 -	-	-	-	-	
156	-	-	-	-	-	5 4 1	11 5 6	10 9 10	25 10 15	30 16 14	22 11 11	8 5 3	7 2 5	1 1 1	
156a	-	-	-	-	-	5 4 1	11 5 6	17 9 8	25 10 15	30 16 14	22 11 11	8 5 3	7 2 5	1 1 1	
156b	-	-	-	-	-	-	-	2 - 2	-	-	-	-	-	-	
157	-	-	-	-	1 1 1	2 1 4	7 3 4	9 6 3	13 11 2	8 7 1	12 8 4	5 4 1	1 1 -	-	
158	-	-	-	-	-	2 - 2	6 3 3	9 5 4	12 4 8	12 5 7	7 4 3	3 2 1	1 1 -	-	
159	-	-	-	-	-	4 3 1	26 22 4	23 22 1	25 24 1	24 22 2	9 8 1	4 4 -	5 4 1	1 1 -	
160	-	-	-	-	-	1 1 -	4 3 1	7 6 1	4 4 -	4 4 -	6 5 1	4 3 1	1 1 -	-	
161	-	-	-	-	-	-	4 2 2	2 1 1	1 1 -	1 - 1	1 1 -	1 1 1	1 1 -	-	
162	-	-	-	-	-	-	1 1 -	1 1 1	1 - 1	-	1 1 -	-	1 1 1	-	

Detailed Int. List No.	Table 65  CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	VIOLENCE — Con.														
	Suicide — Con.														
163	Other suicides, . . . . .	T M F	4 2 2	1 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	3 1 2
	Homicide.	T M F	104 80 24	11 6 5	8 7 1	9 7 2	10 9 1	9 7 2	6 5 1	9 8 1	11 8 3	11 11 2	4 4 2	5 4 1	11 6 5
182	By firearms, . . . . .	T M F	47 40 7	4 3 1	4 4 —	6 6 —	5 5 —	4 3 1	2 1 1	5 4 1	2 2 —	7 7 —	1 — 1	2 2 —	5 3 2
183	By cutting or piercing instru- ments.	T M F	16 13 3	3 2 1	— 1 —	2 2 1	2 2 —	3 3 —	2 2 —	2 2 —	— — —	— — —	— — —	— — —	2 1 1
184	By other means, . . . . .	T M F	41 27 14	4 1 3	4 3 1	1 3 1	3 2 1	2 2 1	2 2 —	2 2 —	9 6 3	4 4 —	3 2 1	3 4 1	4 4 2
184a	Falls and blows, . . . . .	T M F	24 16 8	3 1 2	2 1 1	1 1 —	1 1 —	2 2 1	1 2 —	4 1 —	4 4 —	4 4 —	1 — 1	2 2 —	2 2 2
184b	Abortion, . . . . .	F	3	1	—	—	1	—	—	—	1	—	—	—	—
184c	Infanticide, . . . . .	T M F	14 11 3	— 2 —	2 2 —	— 1 —	1 1 —	1 1 —	— 1 —	1 2 —	4 2 2	— 2 —	2 2 —	1 — 1	2 2 —
184d	Smothering and strangula- tion.	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
184e	Legal electrocution, . . . .	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
184f	Other means, . . . . .	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
	Accidental.	T M F	2,301 1,701 600	217 139 78	178 127 51	153 118 35	180 136 44	196 146 50	195 149 46	209 161 48	201 153 48	164 127 37	194 147 47	177 127 50	237 171 66
164	Poisoning by food, . . . . .	T M F	4 4 —	— — —	— — —	— — —	— — —	1 1 —	— — —	1 1 —	— — —	— — —	— — —	2 2 —	— — —
165	Other acute poisonings, . . . .	T M F	117 90 27	2 2 —	9 3 6	5 3 2	5 3 2	4 2 2	3 2 1	6 4 2	4 2 2	3 2 1	3 2 1	10 8 2	63 57 6
166	Conflagration, . . . . .	T M F	19 17 2	3 3 —	1 — 1	1 — —	2 2 —	— — —	1 1 —	1 2 —	2 2 —	2 2 —	— — —	1 1 —	5 4 1
167	Burns (conflagration excepted),	T M F	246 107 139	39 9 30	27 12 15	24 14 10	16 9 7	21 7 14	5 3 2	18 9 9	18 9 9	11 9 2	15 8 7	17 8 9	35 10 25
168	Absorption of deleterious gases,	T M F	203 141 62	37 24 13	24 18 6	18 15 3	17 11 6	11 7 4	7 5 2	5 3 2	9 6 3	8 5 3	20 15 5	23 17 6	24 15 9



CAUSES, INVESTIGATED BY MEDICAL EXAMINERS BY CAUSES, SEX,  
CAUSES, SEX, AND AGE: 1919.

Detailed Int. List No.	AGE PERIODS.													
	Under 1 week.	1 week but under 1 year.	1 to 4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 years and over.	Unknown.
163	-	-	-	-	-	-	-	-	2	1	-	1	-	-
	-	-	-	-	-	-	-	-	1	1	-	1	-	-
	8	4	3	2	1	6	29	25	15	5	1	3	1	1
	6	4	1	2	1	5	20	21	11	3	1	3	1	1
	2	-	2	-	-	1	9	4	4	2	-	-	-	-
182	-	-	-	1	-	3	14	15	8	2	1	2	-	1
	-	-	-	1	-	3	10	14	6	2	1	2	-	1
	-	-	-	-	-	-	4	1	2	-	-	-	-	-
183	-	-	-	1	-	-	6	3	6	-	-	-	-	-
	-	-	-	1	-	-	5	3	4	-	-	-	-	-
	-	-	-	-	-	-	1	-	2	-	-	-	-	-
184	8	4	3	-	1	3	9	7	1	3	-	1	1	-
	6	4	1	-	1	2	5	4	1	1	-	1	1	-
	2	-	2	-	-	1	4	3	-	2	-	-	-	-
184a	-	-	1	-	1	3	8	5	1	3	-	1	1	-
	-	-	1	-	1	2	5	4	1	1	-	1	1	-
	-	-	-	-	-	1	3	1	-	2	-	-	-	-
184b	-	-	-	-	-	-	1	2	-	-	-	-	-	-
184c	8	4	2	-	-	-	-	-	-	-	-	-	-	-
	6	4	1	-	-	-	-	-	-	-	-	-	-	-
	2	-	1	-	-	-	-	-	-	-	-	-	-	-
184d	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
184e	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
184f	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4	51	237	245	143	133	266	279	267	240	176	158	88	14
	3	36	155	167	118	108	216	231	219	186	121	93	38	10
	1	15	82	78	25	25	50	48	48	54	55	65	50	4
164	-	-	-	-	-	-	-	3	1	-	-	-	-	-
	-	-	-	-	-	-	-	3	1	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165	-	4	6	-	1	1	15	35	31	12	8	1	1	2
	-	3	2	-	1	-	11	29	27	8	7	-	1	1
	-	1	4	-	-	1	4	6	4	4	1	1	-	1
166	-	1	4	2	1	-	1	1	3	1	1	3	1	-
	-	1	3	2	1	-	1	1	3	1	1	3	1	-
	-	-	1	-	-	-	-	-	-	-	-	-	-	-
167	-	8	95	34	4	7	18	11	23	15	14	10	7	-
	-	7	51	8	1	4	9	6	8	6	3	2	2	-
	-	1	44	26	3	3	9	5	15	9	11	8	5	-
168	2	19	6	3	2	8	14	31	19	37	28	24	8	2
	2	13	4	3	2	4	6	25	14	27	22	15	3	1
	-	6	2	-	-	4	8	6	5	10	6	9	5	1

Detailed Int. List No.	Table 65  CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	VIOLENCE — Con. Accidental — Con.														
169	Accidental drowning, . . .	T M F	268 234 34	26 22 4	8 8 —	16 15 1	18 16 2	32 31 1	41 37 4	50 42 8	31 27 4	23 19 4	10 8 2	3 2 1	10 7 3
170	Traumatism by firearms, . .	T M F	37 35 2	3 2 1	4 4 —	3 3 —	— — —	1 1 —	2 2 —	4 4 —	— — —	7 7 —	3 3 —	5 5 —	5 4 1
171	Traumatism by cutting or piercing instruments.	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
172	Traumatism by fall, . . .	T M F	317 200 117	28 9 19	29 19 10	30 23 7	26 18 8	34 26 8	32 21 11	22 13 9	25 17 8	23 13 10	25 15 10	20 11 9	23 15 8
173	Traumatism in mines and quarries.	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
174	Traumatism by machines, . .	T M F	42 40 2	2 2 —	3 2 1	1 6 3	6 6 —	4 3 1	3 3 —	4 4 —	3 3 —	6 6 —	2 2 —	5 5 —	3 3 —
174a	Elevators, . . . . .	T M F	14 14 —	1 1 —	2 2 —	— 2 —	2 1 —	1 1 —	— 3 —	3 3 —	1 1 —	3 3 —	— 1 —	1 1 —	— — —
174b	Other machines, . . . .	T M F	28 26 2	1 1 —	1 — 1	1 4 —	4 4 —	3 2 1	3 3 —	1 1 —	2 2 —	3 3 —	2 2 —	4 4 —	3 3 —
175	Traumatism by other crushing,	T M F	821 641 180	52 43 9	52 42 10	45 35 10	69 54 15	70 53 17	80 60 20	67 55 12	86 66 20	66 51 15	99 79 20	77 56 21	58 47 11
175a	Railroad accidents and in- juries.	T M F	171 150 21	17 14 3	14 13 1	10 9 1	13 11 2	16 14 2	17 15 2	21 17 —	15 12 3	7 6 1	18 16 2	9 7 2	14 12 2
175b	Street-car accidents and in- juries.	T M F	74 57 17	6 5 1	7 6 3	4 1 3	9 7 2	4 3 1	4 3 —	1 1 1	11 9 2	8 8 3	7 4 —	4 4 —	9 7 2
175c	Automobile accidents and injuries.	T M F	503 366 137	25 20 5	27 19 8	26 20 6	37 26 11	42 29 13	48 33 15	43 33 10	55 40 15	41 28 13	66 51 15	62 43 19	31 24 7
175d	Injuries by other vehicles, .	T M F	68 63 5	3 3 —	3 3 —	4 4 —	10 10 —	8 7 1	11 9 2	2 1 —	5 5 —	10 9 1	7 7 —	1 1 —	4 4 —
175e	Landslide, or other crushing,	T M F	5 5 —	1 1 —	1 1 —	1 1 —	— — —	— — —	— — —	— — —	— — —	— — —	1 1 —	1 1 —	— — —
176	Injuries by animals, . . .	T M F	7 7 —	1 1 —	— — —	— — —	1 1 —	— — —	— — —	— 3 —	2 2 —	— — —	— — —	— — —	— — —
177	Starvation, . . . . .	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
178	Excessive cold, . . . . .	T M F	8 6 2	2 2 —	2 2 —	— — —	1 1 —	— — —	— — —	— — —	— — —	— — —	— — —	1 1 —	2 1 1

CAUSES, INVESTIGATED BY MEDICAL EXAMINERS BY CAUSES, SEX,  
CAUSES, SEX, AND AGE: 1919.

Detailed Int. List No.	AGE PERIODS.													
	Under 1 week.	1 week but under 1 year.	1 to 4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 years and over.	Unknown.
169	1	1	25	42	43	36	43	33	20	11	8	1	2	3
	-	1	19	38	38	32	38	27	19	11	7	1	1	2
	1	-	6	4	5	4	5	6	1	-	1	-	1	-
170	-	-	2	4	8	9	9	1	1	2	-	-	-	1
	-	-	1	3	8	9	9	1	1	2	-	-	-	1
	-	-	1	1	-	-	-	-	-	-	-	-	-	-
171	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
172	-	5	32	15	3	3	19	36	33	32	32	56	50	1
	-	3	23	9	1	2	17	30	27	23	18	27	19	1
	-	2	9	6	2	1	2	6	6	9	14	29	31	-
173	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174	-	-	-	-	2	5	6	10	9	6	3	1	-	-
	-	-	-	-	2	5	5	9	9	6	3	1	-	-
	-	-	-	-	-	-	1	1	-	-	-	-	-	-
174a	-	-	-	-	1	4	1	2	3	1	2	-	-	-
	-	-	-	-	1	4	1	2	3	1	2	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174b	-	-	-	-	1	1	5	8	6	5	1	1	-	-
	-	-	-	-	1	1	4	7	6	5	1	1	-	-
	-	-	-	-	-	-	1	1	-	-	-	-	-	-
175	-	2	58	137	66	54	108	82	94	90	65	48	13	4
	-	2	44	97	56	44	89	66	78	73	46	34	10	2
	-	-	14	40	10	10	19	16	16	17	19	14	3	2
175a	-	-	4	8	9	14	29	29	25	27	16	8	2	-
	-	-	3	8	8	12	25	25	23	25	12	7	2	-
	-	-	1	-	1	2	4	4	2	2	4	1	-	-
175b	-	-	11	6	4	3	9	5	10	12	5	5	4	-
	-	-	9	4	4	2	8	2	9	9	3	5	2	-
	-	-	2	2	-	1	1	3	1	3	2	-	2	-
175c	-	2	34	117	48	32	55	43	47	43	42	34	3	3
	-	2	23	82	39	25	41	35	34	32	29	21	2	1
	-	-	11	35	9	7	14	8	13	11	13	13	1	2
175d	-	-	9	6	5	5	14	4	12	6	1	1	4	1
	-	-	9	3	5	5	14	3	12	5	1	1	4	1
	-	-	-	3	-	-	-	1	-	1	-	-	-	-
175e	-	-	-	-	-	-	1	1	-	2	1	-	-	-
	-	-	-	-	-	-	1	1	-	2	1	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
176	-	-	-	-	2	1	-	1	1	2	-	-	-	-
	-	-	-	-	2	1	-	1	1	2	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
177	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
178	-	-	-	-	-	-	1	1	1	2	1	1	1	-
	-	-	-	-	-	-	1	1	1	1	1	1	1	-
	-	-	-	-	-	-	-	-	-	1	-	-	1	-

Detailed Int. List No.	Table 65  CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	VIOLENCE — Con.														
	Accidental — Con.														
179	Effects of heat, . . . .	T	15	-	-	-	-	1	4	10	-	-	-	-	-
		M	9	-	-	-	-	1	2	6	-	-	-	-	-
		F	6	-	-	-	-	-	2	4	-	-	-	-	-
180	Lightning, . . . .	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
181	Electricity (lightning excepted),	T	25	1	-	-	3	3	1	3	3	3	5	2	1
		M	25	1	-	-	3	3	1	3	3	3	5	2	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
185	Fractures (cause not specified),	T	8	-	1	-	2	-	1	2	-	1	-	-	1
		M	3	-	1	-	1	-	-	-	-	-	-	-	1
		F	5	-	-	-	1	-	1	2	-	1	-	-	-
186	Other external violence, . . .	T	164	21	18	10	14	14	15	13	18	11	12	11	7
		M	142	19	16	8	12	11	12	13	16	10	10	9	6
		F	22	2	2	2	2	3	3	-	2	1	2	2	1
	CAUSES NOT DUE TO VIOLENCE.	T	3,221	360	307	306	294	257	236	276	190	188	236	236	335
		M	1,863	212	177	186	159	160	131	146	108	110	136	152	186
		F	1,358	148	130	120	135	97	105	130	82	78	100	84	149
	Stillbirths.	T	108	7	8	8	7	11	8	9	11	8	12	5	14
		M	57	6	6	4	5	2	6	6	8	2	4	2	6
		F	51	1	2	4	2	9	2	3	3	6	8	3	8

Line No.	Table 66  COUNTIES.	DEATHS (INCLUSIVE OF STILLBIRTHS) INVESTIGATED AND AUTOPSIES MADE BY MEDICAL EXAMINERS IN EACH COUNTY: 1910 TO 1919.											
		10 YEARS, 1910 TO 1919.			1919.		1918.		1917.		1916.		
		Views.	AUTOPSIES.		Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.	
			Num- ber.	Per cent.									
1	The State.	64,281	6,446	10.0	6,183	486	7,227	553	7,288	626	7,028	791	
2	Barnstable, .	503	23	4.5	53	2	48	1	49	3	61	3	
3	Berkshire, .	1,489	46	3.1	130	5	143	1	147	3	161	2	
4	Bristol, .	5,893	186	3.1	569	16	749	16	719	19	631	26	
5	Dukes, .	91	6	6.6	8	-	2	-	4	1	13	1	
6	Essex, .	6,341	257	4.1	595	13	691	21	682	36	688	35	
7	Franklin, .	811	16	1.9	70	3	95	2	105	3	86	2	
8	Hampden, .	4,275	191	4.4	439	28	487	25	561	21	476	23	
9	Hampshire, .	1,068	31	2.9	103	4	104	1	94	4	100	4	
10	Middlesex, .	11,487	761	6.6	1,178	45	1,375	25	1,381	57	1,235	133	
11	Nantucket, .	48	3	6.3	2	-	6	-	4	-	3	-	
12	Norfolk, .	3,070	196	6.4	328	15	383	36	341	20	305	23	
13	Plymouth, .	1,869	145	7.7	202	18	220	13	228	13	205	15	
14	Suffolk, .	20,662	4,206	20.3	1,867	315	2,153	380	2,193	403	2,280	483	
15	Worcester, .	6,674	379	5.7	639	22	771	32	780	43	784	41	

CAUSES, INVESTIGATED BY MEDICAL EXAMINERS BY CAUSES, SEX,  
CAUSES, SEX, AND AGE: 1919.

Detailed Int. List No.	AGE PERIODS.												
	Under 1 week.	1 week but under 1 year.	1 to 4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 years and over.
179	-	5 1 4	-	1 1	-	-	1 1	2 1 1	1 1	1 1	-	3 2 1	1 1
180	-	-	-	-	-	-	-	-	-	-	-	-	-
181	-	-	-	-	1 1	1 1	9 9	6 6	6 6	2 2	-	-	-
185	-	-	1 1	-	-	1 1	-	1 1	-	1 1	-	2 2	2 2
186	1 1	6 5 1	8 8 -	7 6 -	10 6 4	7 5 2	22 20 2	25 24 1	24 23 1	26 22 4	16 13 3	8 7 1	2 2 2
	68 44 24	255 149 106	95 61 34	35 21 14	26 8 18	28 14 14	138 67 71	231 149 82	357 217 140	503 322 181	624 396 228	527 273 254	291 112 179
	108 57 51	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Line No.	DEATHS (INCLUSIVE OF STILLBIRTHS) INVESTIGATED AND AUTOPSIES MADE BY MEDICAL EXAMINERS IN EACH COUNTY: 1910 TO 1919.											
	1915.		1914.		1913.		1912.		1911.		1910.	
	Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.
1	6,516	629	6,296	479	6,396	889	6,151	730	6,026	661	5,170	602
2	60	4	57	4	52	1	36	1	57	2	30	2
3	145	4	157	12	162	2	151	4	136	8	157	5
4	618	20	610	17	515	18	548	25	494	15	440	14
5	6	-	12	1	16	1	7	1	11	1	12	-
6	663	24	641	24	590	25	629	23	624	25	538	31
7	70	3	83	-	90	2	74	-	70	1	68	-
8	452	15	415	16	454	21	425	15	244	11	322	16
9	125	4	120	2	121	5	115	4	97	1	89	2
10	1,252	125	1,057	77	1,095	110	1,020	70	1,028	69	866	50
11	9	1	5	1	4	1	3	-	9	-	3	-
12	311	22	281	14	304	28	281	8	291	17	245	13
13	176	13	178	11	172	23	171	11	185	17	132	11
14	1,960	354	1,977	241	2,161	607	2,115	535	2,186	465	1,770	423
15	669	40	703	59	660	45	576	33	594	29	498	35





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V

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POPULATION STATISTICS

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## V.

### POPULATION STATISTICS.

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Estimated population, . . . . .	228
Statistical tables, <sup>1</sup> . . . . .	229-236

*Introductory.* — All vital statistics are based upon the population. The number of births, marriages, divorces, and deaths is expressed in relation to the population, usually as rates giving the number occurring during the calendar year per 1,000 inhabitants or group of inhabitants, such as age groups, sex, nativity, race, marital condition, and occupation groups.

Information regarding population is obtained by a census enumeration, and in Massachusetts these enumerations are made every five years. The last census in this Commonwealth was taken by the United States as of Jan. 1, 1920.

The population of any community or State is continually changing, in most cases increasing, and for this reason it becomes necessary to make estimates of the population for the periods between the census enumerations upon which to base rates for the various vital events, and especially for the accurate computation and expression of birth, marriage, divorce, and death rates. These rates are commonly calculated upon the population estimated to have existed at the middle of the year, July 1. Such estimates are necessary for all dates except those on which the census enumerations are made, and are in all cases preferable to a repetition of the census returns for a certain year.

For non-census years the statistical tables in this book are based upon the estimated population as determined by the arithmetical method, which assumes a constant amount of increase between the census years.

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<sup>1</sup> For a list of the tables on population statistics, see page vii.

The totally unexpected and well-nigh inexplicable result of the national census of 1920, in which the State of Massachusetts shows a gain in population of only 159,046 in the five-year period 1916 to 1920, and in which such cities as Boston, Cambridge, Somerville, etc., show practically no gain in population during the last five years, although housing conditions indicate these cities tremendously overcrowded, has made the estimated population for the years 1916, 1917, and 1918 based on the censuses of the years 1910 and 1915 appear almost absurd. In fact, the 1918 statistics on births, marriages, divorces, and deaths were based on a higher estimated population (3,907,576) than the estimated population for 1919 (3,835,614) obtained from the censuses of 1915 and 1920.

*Estimated Population.* — The decennial census of the Commonwealth for 1915 shows that the total population of Massachusetts on April 1, 1915, was 3,693,310. This was an increase of 9.7 per cent over 1910, and of nearly 23 per cent over 1905. The estimated population as of July 1, 1919, was 3,835,614, a gain of 142,304, or 3.8 per cent over 1915, the lowest percentage of gain since the Civil War period of 1861 to 1865. The estimated population of the city of Boston for July 1, 1919, was 747,784, a gain of only 2,345 for the 51 months (April 1, 1915, to July 1, 1919). The census population of the cities and towns of this Commonwealth, by sex, for 1915, 1910, and 1905, is shown in Table 69, on pages 231 to 236, and the estimated population, as of July 1, 1919, for cities and towns having over 15,000 inhabitants for both sexes combined,<sup>i</sup> shown in Table 1, on pages 15 to 21.

## STATISTICAL TABLES.

Table 67		POPULATION OF MASSACHUSETTS AS DETERMINED BY CENSUS ENUMERATIONS: <sup>1</sup> 1765 TO 1915.					
CENSUS YEARS.		Authority.	Popula- tion.	INCREASE OVER PRECEDING CENSUS.		Per cent annual increase.	Date of enumer- ation.
				Number.	Per cent.		
1765,	. . . .	Provincial, . . . .	239,764 <sup>2</sup>	—	—	—	— <sup>3</sup>
1776,	. . . .	Provincial, . . . .	299,841 <sup>4</sup>	60,077	25.1 <sup>5</sup>	2.2 <sup>5</sup>	Mar. 20
1784,	. . . .	State, . . . .	357,510	57,669	19.2	2.4	Sept. 1
1790,	. . . .	United States, . .	378,787	78,946	26.3 <sup>6</sup>	2.0 <sup>6</sup>	Aug. 1
1800,	. . . .	United States, . .	422,845	44,058	11.6	1.2	Aug. 1
1810,	. . . .	United States, . .	472,040	49,195	11.6	1.2	Aug. 1
1820,	. . . .	United States, . .	523,287	51,247	10.9	1.1	Aug. 1
1830,	. . . .	United States, . .	610,408	87,121	16.6	1.7	June 1
1837,	. . . .	State, . . . .	701,331	90,923	14.9	2.1	May 1
1840,	. . . .	United States, . .	737,700	127,292	20.9	2.1	June 1
1840,	. . . .	State, . . . .	719,364	18,033	25.7	8.6	May 1
1850,	. . . .	United States, . .	994,514	256,814	34.8	3.5	June 1
1850,	. . . .	State, . . . .	973,654	254,290	35.3	3.5	May 1
1855,	. . . .	State, . . . .	1,132,369	137,855	13.9	2.6	May 1
1860,	. . . .	United States, . .	1,231,066	98,697	8.7	1.7	June 1
1865,	. . . .	State, . . . .	1,267,031	35,965	2.9	.6	May 1
1870,	. . . .	United States, . .	1,457,351	190,320	15.0	3.0	June 1
1875,	. . . .	State, . . . .	1,651,912	194,561	13.4	2.7	May 1
1880,	. . . .	United States, . .	1,783,085	131,173	7.9	1.6	June 1
1885,	. . . .	State, . . . .	1,942,141	159,056	8.9	1.8	May 1
1890,	. . . .	United States, . .	2,238,943	296,802	15.3	3.1	June 1
1895,	. . . .	State, . . . .	2,500,183	261,240	11.7	2.3	May 1
1900,	. . . .	United States, . .	2,805,346	305,163	12.2	2.5	June 1
1905,	. . . .	State, . . . .	3,003,680	198,334	7.1	1.4	May 1
1910,	. . . .	United States, . .	3,366,416	362,736	12.1	2.4	Apr. 15
1915,	. . . .	State, . . . .	3,693,310	326,894	9.7	1.9	April 1

<sup>1</sup> The estimated population for the intercensal years, 1851 to 1919, is shown in Table 5 on page 25.<sup>2</sup> Includes 1,569 Indians.<sup>3</sup> On or before May 25.<sup>4</sup> Includes 4,761 colored population.<sup>5</sup> This percentage does not include in the population 1,569 Indians.<sup>6</sup> This percentage does not include in the population 4,761 colored.

Table 68

CENSUS POPULATION OF MUNICIPALITIES HAVING OVER 15,000  
INHABITANTS IN 1915: 1880 TO 1915.

MUNICIPALITIES.	April 1, 1915. <sup>1</sup>	April 15, 1910.	May 1, 1905.	June 1, 1900.	May 1, 1895.	June 1, 1890.	May 1, 1885.	June 1, 1880.
<b>The State.</b>	<b>3,693,310</b>	<b>3,366,416</b>	<b>3,003,680</b>	<b>2,805,846</b>	<b>2,500,183</b>	<b>2,238,943</b>	<b>1,942,141</b>	<b>1,783,085</b>
<b>CITIES OVER 100,000.</b>								
Boston, <sup>2</sup>	745,439	670,585	595,380	560,892	496,920	448,477	390,393	362,839
Worcester,	162,697	145,986	128,135	118,421	98,767	84,655	68,389	58,291
Fall River,	124,791	119,295	105,762	104,863	89,203	74,398	56,870	48,961
New Bedford,	109,568	96,652	74,362	62,442	55,251	40,733	33,393	26,845
Cambridge,	108,822	104,839	97,434	91,886	81,643	70,028	59,658	52,669
Lowell,	107,978	106,294	94,889	94,969	84,367	77,696	64,107	59,475
Springfield,	102,971	88,926	73,540	62,059	51,522	44,179	37,575	33,340
<b>50,000 TO 100,000.</b>								
Lynn,	95,803	89,336	77,042	68,513	62,354	55,727	45,867	38,274
Lawrence,	90,259	85,892	70,050	62,559	52,164	44,654	38,862	39,151
Somerville,	86,854	77,236	69,272	61,643	52,200	40,152	29,971	24,933
Brookton,	62,288	56,878	47,794	40,063	33,165	27,294	20,783	13,608
Holyoke,	60,816	57,730	49,934	45,712	40,322	35,637	27,895	21,915
<b>25,000 TO 50,000.</b>								
Haverhill,	49,450	44,115	37,830	37,175	34,945	31,132	24,901	21,115
Malden,	48,907	44,404	38,037	33,664	29,708	23,031	16,407	12,017
Chelsea,	43,426	32,585	37,289	34,072	31,264	27,909	25,709	21,782
Newton,	43,113	39,806	36,827	33,587	27,590	24,379	19,759	16,995
Quincy,	40,674	32,642	28,076	23,899	20,712	16,723	12,145	10,570
Fitchburg,	39,656	37,826	33,021	31,531	26,409	22,037	15,375	12,429
Pittsfield,	39,607	32,121	25,001	21,766	20,461	17,281	14,466	13,364
Everett,	37,718	33,484	29,111	24,336	18,573	11,068	5,825	4,159
Salem,	37,200	43,697	37,627	35,956	34,473	30,801	28,090	27,563
Taunton,	36,161	34,259	30,967	31,036	27,115	25,448	23,674	21,213
Brookline (town),	33,490	27,792	23,436	19,935	16,164	12,103	9,196	8,057
Medford,	30,509	23,150	19,686	18,244	14,474	11,079	9,042	7,573
Waltham,	30,154	27,834	26,282	25,481	20,876	18,707	14,609	11,712
Chicopee,	30,138	25,401	20,191	19,167	16,420	14,050	11,516	11,286
Revere,	25,178	18,219	12,659	10,395	7,423	5,668	3,637	2,263
<b>15,000 TO 25,000.</b>								
Gloucester,	24,478	24,398	26,011	26,121	28,211	24,651	21,703	19,329
Beverly,	22,959	18,650	15,223	13,884	11,806	10,821	9,186	8,456
North Adams,	22,035	22,019	22,150	24,200	19,135	16,074	12,540	10,191
Northampton,	21,654	19,431	19,957	18,643	16,746	14,990	12,896	12,172
Peabody,	18,625	15,721	13,098	11,523	10,507	10,158	9,530	9,028
Attleboro,	18,480	16,215	12,702	11,335	8,288	7,577	13,175	11,111
Westfield (town),	18,411	16,044	13,611	12,310	10,663	9,805	8,961	7,587
Leominster,	17,646	17,580	14,297	12,392	9,211	7,269	5,297	5,772
Melrose,	16,880	15,715	14,295	12,962	11,965	8,519	6,101	4,560
Watertown (town),	16,515	12,875	11,258	9,706	7,788	7,073	6,238	5,426
Woburn,	16,410	15,308	14,402	14,254	14,178	13,499	11,750	10,931
Gardner (town),	16,376	14,699	12,012	10,813	9,182	8,424	7,283	4,988
<b>Framingham</b>								
(town),	15,860	12,948	11,548	11,302	9,512	9,239	8,275	6,235
Newburyport,	15,311	14,949	14,675	14,478	14,552	13,947	13,716	13,538
Marlborough,	15,250	14,579	14,073	13,609	14,977	13,805	10,941	10,127

<sup>1</sup> The population for each city and town in the Commonwealth is shown in Table 69, pages 231 to 236.<sup>2</sup> Hyde Park (in Norfolk County), annexed to Boston (in Suffolk County) in 1911, contained 15,507 inhabitants in 1910, 14,510 in 1905, 13,244 in 1900, 11,826 in 1895, 10,193 in 1890, 8,376 in 1885, and 7,088 in 1880. No other counties have had their boundaries changed since 1874.



Table 69

POPULATION OF MUNICIPALITIES BY SEX: 1915, 1910, AND 1905.

CITIES AND TOWNS (Arranged alphabetically).	1915.			1910. <sup>1</sup>			1905.		
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
<b>The State.</b>	<b>3,693,310</b>	<b>1,813,713</b>	<b>1,879,597</b>	<b>3,366,416</b>	<b>1,655,248</b>	<b>1,711,168</b>	<b>3,003,680</b>	<b>1,461,589</b>	<b>1,542,091</b>
Abington, . . .	5,646	2,767	2,879	5,455	2,696	2,759	5,081	2,529	2,552
Acton, . . .	2,151	1,058	1,093	2,136	—	—	2,089	1,042	1,047
Acushnet, . . .	2,387	1,193	1,194	1,692	—	—	1,284	662	622
Adams, . . .	13,218	6,363	6,855	13,026	6,233	6,793	12,486	5,964	6,522
Agawam, . . .	4,555	2,327	2,228	3,501	1,791	1,710	2,795	1,414	1,381
Alford, . . .	271	147	124	275	—	—	275	146	129
Amesbury, . . .	8,543	4,079	4,464	9,894	4,864	5,030	8,840	4,204	4,636
Amherst, . . .	5,558	2,649	2,909	5,112	2,358	2,754	5,313	2,772	2,541
Andover, . . .	7,978	3,615	4,363	7,301	3,343	3,958	6,632	3,130	3,502
Arlington, . . .	14,889	6,870	8,019	11,187	5,128	6,059	9,668	4,503	5,165
Ashburnham, . . .	2,059	1,052	1,007	2,107	—	—	1,851	939	912
Ashby, . . .	922	480	442	885	—	—	865	437	428
Ashfield, . . .	994	516	478	959	—	—	959	477	482
Ashland, . . .	2,005	976	1,029	1,682	—	—	1,597	780	817
Athol, . . .	9,783	4,876	4,907	8,536	4,326	4,210	7,197	3,545	3,652
ATTLEBORO, . . .	18,480	9,095	9,385	16,215	8,064	8,151	12,702	6,192	6,510
Auburn, . . .	3,281	1,717	1,564	2,420	—	—	2,066	1,046	960
Avon, . . .	2,164	1,073	1,091	2,013	—	—	1,901	938	963
Ayer, . . .	2,779	1,359	1,420	2,797	1,427	1,370	2,386	1,158	1,228
Barnstable, . . .	4,995	2,499	2,496	4,676	2,285	2,391	4,336	2,094	2,242
Barre, . . .	3,476	1,888	1,588	2,957	1,546	1,411	2,558	1,353	1,205
Becket, . . .	973	519	454	959	—	—	890	467	423
Bedford, . . .	1,365	693	672	1,231	—	—	1,208	611	597
Belchertown, . . .	2,062	1,025	1,037	2,054	—	—	2,088	1,035	1,003
Bellingham, . . .	1,953	999	954	1,696	—	—	1,686	828	858
Belmont, . . .	8,081	3,767	4,314	5,542	2,556	2,986	4,360	2,030	2,330
Berkley, . . .	985	510	475	999	—	—	931	468	463
Berlin, . . .	865	441	424	904	—	—	906	479	427
Bernardston, . . .	790	408	382	741	—	—	769	387	382
BEVERLY, . . .	22,959	11,469	11,490	18,650	9,509	9,141	15,223	7,550	7,673
Billerica, . . .	3,246	1,600	1,646	2,789	1,351	1,438	2,843	1,398	1,445
Blackstone, <sup>2</sup> . . .	5,689	2,821	2,868	5,648	2,796	2,852	5,786	2,882	2,904
Blandford, . . .	623	330	293	717	—	—	746	392	354
Bolton, . . .	768	366	402	764	—	—	762	352	410
Boston, . . .	745,439	369,434	376,005	670,585	329,703	340,882	595,380	290,309	305,071
Bourne, . . .	2,672	1,420	1,252	2,474	—	—	1,786	906	880
Boxborough, . . .	326	173	153	317	—	—	324	174	150
Boxford, . . .	714	350	364	718	—	—	665	309	356
Boylston, . . .	783	406	377	714	—	—	649	340	309
Braintree, . . .	9,343	4,583	4,760	8,066	3,966	4,100	6,879	3,324	3,555
Brewster, . . .	783	375	408	631	—	—	739	345	394
Bridgewater, . . .	9,381	6,060	3,321	7,688	4,991	2,697	6,754	4,215	2,539
Brimfield, . . .	934	531	403	866	—	—	894	474	420
BROCKTON, . . .	62,288	30,781	31,507	56,878	28,293	28,585	47,794	23,574	24,220
Brookfield, . . .	2,059	994	1,065	2,204	—	—	2,388	1,194	1,194
Brookline, . . .	33,490	13,254	20,236	27,792	11,038	16,754	23,436	9,606	13,830
Buckland, . . .	1,569	811	758	1,573	—	—	1,500	748	752
Burlington, . . .	751	397	354	591	—	—	588	324	264
CAMBRIDGE, . . .	108,822	51,995	56,827	104,839	50,161	54,678	97,434	47,231	50,203
Canton, . . .	5,623	2,731	2,892	4,797	2,352	2,445	4,702	2,266	2,436
Carlisle, . . .	490	263	227	551	—	—	523	276	247
Carver, . . .	1,701	930	771	1,663	—	—	1,410	828	582
Charlemont, . . .	977	524	453	1,001	—	—	1,002	530	472
Charlton, . . .	2,213	1,163	1,050	2,032	—	—	2,089	1,054	1,035
Chatham, . . .	1,667	801	866	1,564	—	—	1,634	801	833

<sup>1</sup> The population totals for 1910 are taken from the report of the United States census for that year, which does not give a classification by sex for towns having less than 2,500 inhabitants.

<sup>2</sup> Includes Millville, which was not set off as a separate town until May 1, 1916. Population of that part of Blackstone known as "Millville" April 1, 1915, was 2,010.

Table 69

## POPULATION OF MUNICIPALITIES BY SEX: 1915, 1910, AND 1905.

CITIES AND TOWNS (Arranged alphabetically).	1915.			1910. <sup>1</sup>			1905.		
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
Chelmsford, . . .	5,182	2,537	2,645	5,010	2,524	2,486	4,254	2,175	2,079
CHELSEA, <sup>2</sup> . . .	43,426	22,353	21,073	32,452	16,709	15,743	37,289	18,549	18,740
Cheshire, . . .	1,535	822	713	1,508	—	—	1,281	662	619
Chester, . . .	1,344	705	639	1,377	—	—	1,366	697	669
Chesterfield, . . .	559	294	265	536	—	—	563	300	263
CHICOPEE, . . .	30,138	15,296	14,842	25,401	12,736	12,665	20,191	10,090	10,101
Chilmark, . . .	288	144	144	282	—	—	322	167	155
Clarksburg, . . .	1,114	580	534	1,207	—	—	1,200	609	591
Clinton, . . .	13,192	6,380	6,812	13,075	6,185	6,890	13,105	6,184	6,921
Cohasset, . . .	2,800	1,391	1,409	2,585	1,241	1,344	2,727	1,271	1,456
Colrain, . . .	1,829	949	880	1,741	—	—	1,780	906	874
Concord, . . .	6,681	3,608	3,073	6,421	3,509	2,912	5,421	3,224	2,197
Conway, . . .	1,220	626	594	1,230	—	—	1,340	686	654
Cummington, . . .	660	339	321	637	—	—	740	374	366
Dalton, . . .	3,858	1,795	2,063	3,568	1,685	1,883	3,122	1,403	1,719
Dana, . . .	712	331	381	736	—	—	763	372	391
Danvers, . . .	11,177	5,477	5,700	9,407	4,578	4,829	9,063	4,482	4,581
Dartmouth, . . .	5,330	2,760	2,570	4,378	2,256	2,122	3,793	1,956	1,837
Deedham, . . .	11,043	5,394	5,649	9,284	4,504	4,780	7,774	3,726	4,048
Deerfield, . . .	2,739	1,491	1,248	2,209	—	—	2,112	1,089	1,023
Dennis, . . .	1,822	845	977	1,919	—	—	1,998	886	1,112
Dighton, . . .	2,499	1,298	1,201	2,235	—	—	2,070	1,094	976
Douglas, . . .	2,179	1,119	1,060	2,152	—	—	2,120	1,072	1,048
Dover, . . .	999	500	499	798	—	—	636	331	305
Dracut, . . .	4,022	2,020	2,002	3,461	1,755	1,706	3,537	1,800	1,737
Dudley, . . .	4,873	2,283	2,090	4,267	2,196	2,071	3,818	1,934	1,884
Dunstable, . . .	362	190	172	408	—	—	412	209	203
Duxbury, . . .	1,921	949	972	1,688	—	—	2,028	1,036	992
East Bridgewater, . . .	3,689	1,900	1,789	3,363	1,689	1,674	3,169	1,571	1,598
Eastham, . . .	545	272	273	518	—	—	519	255	264
Easthampton, . . .	9,845	4,744	5,101	8,524	4,142	4,382	6,808	3,217	3,591
East Longmeadow, . . .	1,939	986	953	1,553	—	—	1,327	670	657
Easton, . . .	5,064	2,496	2,568	5,139	2,607	2,532	4,909	2,458	2,451
Edgartown, . . .	1,276	599	677	1,191	—	—	1,175	554	621
Egremont, . . .	599	290	309	605	—	—	721	361	360
Enfield, . . .	806	396	410	874	—	—	973	502	471
Erving, . . .	1,168	613	555	1,148	—	—	1,094	568	526
Essex, . . .	1,677	834	843	1,621	—	—	1,790	901	889
EVERETT, . . .	37,718	18,387	19,331	33,484	16,313	17,171	29,111	14,170	14,941
Fairhaven, . . .	6,277	2,990	3,287	5,122	2,424	2,698	4,235	1,988	2,247
FALL RIVER, . . .	124,791	60,319	64,472	119,295	57,627	61,668	105,762	50,387	55,375
Falmouth, . . .	3,917	2,008	1,909	3,144	1,575	1,569	3,241	1,680	1,561
FITCHBURG, . . .	39,656	19,611	20,045	37,826	18,764	19,062	33,021	16,230	16,791
Florida, . . .	427	256	171	395	—	—	424	228	196
Foxborough, . . .	3,755	1,913	1,842	3,863	2,048	1,815	3,364	1,673	1,691
Framingham, . . .	15,860	7,791	8,069	12,948	6,299	6,649	11,548	5,411	6,137
Franklin, . . .	6,440	3,292	3,148	5,641	2,807	2,834	5,244	2,587	2,657
Freetown, . . .	1,663	860	803	1,471	—	—	1,470	727	743
Gardner, . . .	16,376	8,545	7,831	14,699	7,910	6,789	12,012	6,324	5,688
Gay Head, . . .	175	95	80	162	—	—	178	97	81
Georgetown, . . .	2,058	1,041	1,017	1,958	—	—	1,840	895	945
Gill, . . .	951	500	451	942	—	—	1,023	640	383
GLOUCESTER, . . .	24,478	12,455	12,023	24,398	12,675	11,723	26,011	13,601	12,410
Goshen, . . .	289	169	120	279	—	—	277	151	126
Gosnold, . . .	155	94	61	152	—	—	161	98	63
Grafton, . . .	6,250	3,062	3,188	5,705	2,779	2,926	5,052	2,413	2,639
Granby, . . .	828	462	366	761	—	—	747	410	337
Granville, . . .	784	420	364	781	—	—	865	458	407
Great Barrington, . . .	6,627	3,176	3,451	5,926	2,820	3,106	6,152	2,956	3,196
Greenfield, . . .	12,618	6,349	6,269	10,427	5,268	5,159	9,156	4,482	4,674

<sup>1</sup> See note 1 on page 231.<sup>2</sup> Abnormal decrease between 1905 and 1910 due to conflagration of April 12, 1908.

Table 69

POPULATION OF MUNICIPALITIES BY SEX: 1915, 1910, AND 1905.

CITIES AND TOWNS (Arranged alphabetically).	1915.			1910. <sup>1</sup>			1905.		
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
Greenwich, . . .	426	227	199	452	-	-	475	249	226
Groton, . . .	2,333	1,096	1,237	2,155	-	-	2,253	1,110	1,143
Groveland, . . .	2,377	1,128	1,249	2,253	-	-	2,401	1,145	1,256
Hadley, . . .	2,666	1,463	1,203	1,999	-	-	1,895	1,038	857
Halifax, . . .	638	380	258	550	-	-	494	279	215
Hamilton, . . .	1,879	946	933	1,749	-	-	1,646	830	816
Hampden, . . .	670	355	315	645	-	-	561	279	282
Hancock, . . .	514	278	236	465	-	-	434	225	209
Hanover, . . .	2,666	1,386	1,280	2,326	-	-	2,176	1,086	1,090
Hanson, . . .	1,796	914	882	1,854	-	-	1,490	732	758
Hardwick, . . .	3,596	1,805	1,791	3,524	1,836	1,688	3,261	1,659	1,602
Harvard, . . .	1,104	538	566	1,034	-	-	1,077	520	557
Harwich, . . .	2,179	1,039	1,140	2,115	-	-	2,291	1,079	1,212
Hatfield, . . .	2,630	1,501	1,129	1,986	-	-	1,779	1,016	763
HAVERHILL, . . .	49,450	24,059	25,391	44,115	21,607	22,508	37,830	18,025	19,805
Hawley, . . .	427	253	174	424	-	-	448	243	205
Heath, . . .	383	208	175	346	-	-	356	186	170
Hingham, . . .	5,264	2,520	2,744	4,965	2,289	2,676	4,819	2,216	2,603
Hinsdale, . . .	1,257	652	605	1,116	-	-	1,452	736	716
Holbrook, . . .	2,948	1,417	1,531	2,816	1,316	1,500	2,509	1,194	1,315
Holden, . . .	2,514	1,273	1,241	2,147	-	-	2,640	1,333	1,307
Holland, . . .	159	81	78	145	-	-	151	79	72
Holliston, . . .	2,788	1,352	1,436	2,711	1,316	1,395	2,663	1,278	1,385
HOLYOKE, . . .	60,816	29,359	31,457	57,730	27,671	30,059	49,934	23,769	26,165
Hopedale, . . .	2,663	1,368	1,295	2,188	-	-	2,048	1,088	960
Hopkinton, . . .	2,475	1,188	1,287	2,452	-	-	2,585	1,282	1,303
Hubbardston, . . .	1,084	555	529	1,073	-	-	1,205	637	568
Hudson, . . .	6,758	3,360	3,398	6,743	3,377	3,366	6,217	3,046	3,171
Hull, . . .	2,290	1,476	814	2,103	-	-	2,060	1,236	824
Huntington, . . .	1,427	718	709	1,473	-	-	1,451	698	753
Hyde Park, <sup>2</sup> . . .	-	-	-	15,507	7,744	7,763	14,510	7,189	7,321
Ipswich, . . .	6,272	3,136	3,136	5,777	2,874	2,903	5,205	2,525	2,680
Kingston, . . .	2,580	1,265	1,315	2,445	-	-	2,205	1,086	1,119
Lakeville, . . .	1,491	810	681	1,141	-	-	912	454	458
Lancaster, . . .	2,585	1,088	1,497	2,464	-	-	2,406	1,030	1,376
Lanesborough, . . .	1,089	574	515	947	-	-	845	431	414
LAWRENCE, . . .	90,259	44,702	45,557	85,892	42,858	43,034	70,050	34,064	35,986
Lee, . . .	4,481	2,327	2,154	4,106	2,076	2,030	3,972	1,984	1,988
Leicester, . . .	3,322	1,604	1,718	3,237	1,582	1,655	3,414	1,676	1,738
Lenox, . . .	3,242	1,656	1,586	3,060	1,534	1,526	3,058	1,581	1,477
LEOMINSTER, <sup>3</sup> . . .	17,646	8,681	8,965	17,580	8,744	8,836	14,297	7,052	7,245
Leverett, . . .	779	413	366	728	-	-	703	349	354
Lexington, . . .	5,538	2,656	2,882	4,918	2,338	2,580	4,530	2,127	2,403
Leyden, . . .	344	188	156	363	-	-	408	240	168
Lincoln, . . .	1,310	671	639	1,175	-	-	1,122	607	515
Littleton, . . .	1,228	608	620	1,229	-	-	1,219	595	624
Longmeadow, . . .	1,782	853	929	1,084	-	-	964	457	507
LOWELL, . . .	107,978	52,016	55,962	106,294	51,525	54,769	94,889	44,870	50,019
Ludlow, . . .	6,251	3,018	3,233	4,948	2,426	2,522	3,881	1,873	2,008
Lunenburg, . . .	1,610	788	822	1,393	-	-	1,293	656	637
LYNN, . . .	95,803	47,049	48,754	89,336	44,585	44,751	77,042	38,126	38,916
Lynnfield, . . .	1,112	534	578	911	-	-	797	395	402
MALDEN, . . .	48,907	23,164	25,743	44,404	20,927	23,477	38,037	17,580	20,457
Manchester, . . .	2,945	1,512	1,433	2,673	1,426	1,247	2,618	1,334	1,284
Mansfield, . . .	5,772	2,911	2,861	5,183	2,643	2,540	4,245	2,078	2,167
Marblehead, . . .	7,606	3,580	4,026	7,338	3,446	3,892	7,209	3,453	3,756
Marion, . . .	1,487	775	712	1,460	-	-	1,029	513	516
MARLBOROUGH, . . .	15,250	7,574	7,676	14,579	7,181	7,398	14,073	6,796	7,277
Marshfield, . . .	1,725	854	871	1,738	-	-	1,763	874	889
Mashpee, . . .	263	146	117	270	-	-	317	177	140

<sup>1</sup> See note 1 on page 231.<sup>3</sup> Leominster made a city Nov. 2, 1915.<sup>2</sup> Hyde Park annexed to Boston in 1911.

Table 69

## POPULATION OF MUNICIPALITIES BY SEX: 1915, 1910, AND 1905.

CITIES AND TOWNS (Arranged alphabetically).	1915.			1910. <sup>1</sup>			1905.		
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
Mattapoisett, . .	1,352	650	702	1,233	—	—	1,180	573	607
Maynard, . . .	6,770	3,583	3,187	6,390	3,317	3,073	5,811	3,180	2,631
Medfield, . . .	3,648	1,562	2,086	3,466	1,448	2,018	3,314	1,365	1,949
MEDFORD, . . .	30,509	14,500	16,009	23,150	10,877	12,273	19,686	9,343	10,343
Medway, . . .	2,846	1,378	1,468	2,696	1,322	1,374	2,650	1,317	1,333
MELROSE, . . .	16,880	7,753	9,127	15,715	7,210	8,505	14,295	6,493	7,802
Mendon, . . .	933	468	465	880	—	—	922	475	447
Merrimac, . . .	2,101	990	1,111	2,202	—	—	1,884	908	976
METHUEN, <sup>2</sup> . .	14,007	6,656	7,351	11,448	5,493	5,955	8,676	4,179	4,497
Middleborough, .	8,631	4,314	4,317	8,214	4,124	4,090	6,888	3,386	3,502
Middlefield, . .	325	175	150	354	—	—	399	230	169
Middleton, . . .	1,308	545	763	1,129	—	—	1,068	439	629
Milford, . . .	13,684	6,898	6,786	13,055	6,745	6,310	12,105	6,293	5,812
Millbury, . . .	5,295	2,600	2,695	4,740	2,359	2,381	4,631	2,300	2,331
Millis, . . .	1,442	756	686	1,399	—	—	1,252	625	627
Millville, . . .	2,010	—	—	—	—	—	—	—	—
Milton, . . .	8,600	3,808	4,792	7,924	3,533	4,391	7,054	3,212	3,842
Monroe, . . .	296	202	94	246	—	—	269	170	99
Monson, . . .	5,004	2,394	2,610	4,758	2,327	2,431	4,344	2,087	2,257
Montague, . . .	7,925	4,095	3,830	6,866	3,492	3,374	7,015	3,668	3,347
Monterey, . . .	358	209	149	388	—	—	444	239	205
Montgomery, . .	230	125	105	217	—	—	259	147	112
Mount Washing- ton, . . .	95	44	51	110	—	—	87	44	43
Nahant, . . .	1,387	689	698	1,184	—	—	922	470	452
Nantucket, . . .	3,166	1,521	1,645	2,962	1,361	1,601	2,930	1,295	1,635
Natick, . . .	11,119	5,547	5,572	9,866	4,773	5,093	9,609	4,559	5,050
Needham, . . .	6,542	3,116	3,426	5,026	2,372	2,654	4,284	2,024	2,260
New Ashford, . .	92	48	44	92	—	—	100	55	45
NEW BEDFORD, .	109,568	53,167	56,401	96,652	47,731	48,921	74,362	35,731	38,631
New Braintree, .	453	260	193	464	—	—	477	265	212
Newbury, . . .	1,590	805	785	1,482	—	—	1,480	762	718
NEWBURYPORT, .	15,311	7,283	8,028	14,949	7,032	7,917	14,675	6,882	7,793
New Marlborough	1,030	535	495	1,124	—	—	1,209	626	583
New Salem, . .	625	299	326	639	—	—	672	328	344
NEWTON, . . .	43,113	19,378	23,735	39,806	17,801	22,005	36,827	16,169	20,658
Norfolk, . . .	1,268	726	542	960	—	—	1,089	595	494
NORTH ADAMS, . .	22,035	10,558	11,477	22,019	10,620	11,399	22,150	10,649	11,501
NORTHAMPTON, . .	21,654	10,132	11,522	19,431	9,094	10,337	19,957	8,736	11,221
North Andover, .	5,956	2,882	3,074	5,529	2,701	2,828	4,614	2,256	2,358
North Attle- borough, . . .	9,398	4,529	4,869	9,562	4,783	4,779	7,878	3,755	4,123
Northborough, . .	1,797	899	898	1,713	—	—	1,947	958	989
Northbridge, . .	9,254	4,936	4,318	8,807	4,706	4,101	7,400	3,810	3,590
North Brookfield, .	2,947	1,385	1,562	3,075	1,452	1,623	2,617	1,206	1,411
Northfield, . . .	1,782	840	942	1,642	—	—	2,017	773	1,244
North Reading, . .	1,292	642	650	1,059	—	—	903	460	443
Norton, . . .	2,587	1,319	1,268	2,544	1,311	1,233	2,079	957	1,122
Norwell, . . .	1,563	781	782	1,410	—	—	1,534	749	785
Norwood, . . .	10,977	5,739	5,238	8,014	4,129	3,885	6,731	3,422	3,309
Oak Bluffs, . . .	1,245	599	646	1,084	—	—	1,138	546	592
Oakham, . . .	527	272	255	552	—	—	519	264	255
Orange, . . .	5,379	2,593	2,786	5,282	2,561	2,721	5,578	2,740	2,838
Orleans, . . .	1,166	565	601	1,077	—	—	1,052	509	543
Otis, . . .	442	231	211	494	—	—	534	300	234
Oxford, . . .	3,476	1,760	1,716	3,361	1,638	1,723	2,927	1,409	1,518
Palmer, . . .	9,468	4,700	4,768	8,610	4,312	4,298	7,755	3,807	3,948
Paxton, . . .	471	260	211	416	—	—	444	240	204
PEABODY, <sup>3</sup> . . .	18,625	10,272	8,353	15,721	8,618	7,103	13,098	6,800	6,298
Pelham, . . .	499	265	234	467	—	—	460	245	215
Pembroke, . . .	1,337	700	637	1,336	—	—	1,261	654	607
Pepperell, . . .	2,839	1,409	1,430	2,953	1,492	1,461	3,268	1,634	1,634

<sup>1</sup> See note 1 on page 231.<sup>2</sup> Methuen made a city by chapter 289, Special Acts of 1917, accepted by the town Nov. 6, 1917.<sup>3</sup> Peabody made a city Jan. 1, 1917.



Table 69

POPULATION OF MUNICIPALITIES BY SEX: 1915, 1910, AND 1905.

CITIES AND TOWNS (Arranged alphabetically).	1915.			1910. <sup>1</sup>			1905.		
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
Peru, . . . . .	195	109	86	237	-	-	268	129	139
Petersham, . . . . .	727	356	371	757	-	-	855	420	435
Phillipston, . . . . .	390	200	190	426	-	-	442	222	220
PITTSFIELD, . . . . .	39,607	19,316	20,291	32,121	16,130	15,991	25,001	12,075	12,926
Plainfield, . . . . .	375	188	187	406	-	-	382	202	180
Plainville, . . . . .	1,408	691	717	1,385	-	-	1,300	632	668
Plymouth, . . . . .	12,926	6,430	6,496	12,141	6,061	6,080	11,119	5,602	5,517
Plympton, . . . . .	599	310	289	561	-	-	514	256	258
Prescott, . . . . .	299	144	155	320	-	-	322	168	154
Princeton, . . . . .	800	409	391	818	-	-	907	467	440
Provincetown, . . . . .	4,295	2,129	2,166	4,369	2,196	2,173	4,362	2,190	2,172
QUINCY, . . . . .	40,674	20,686	19,988	32,642	16,454	16,188	28,076	14,422	13,654
Randolph, . . . . .	4,734	2,342	2,392	4,301	2,091	2,210	4,034	1,987	2,047
Raynham, . . . . .	1,810	953	857	1,725	-	-	1,662	894	768
Reading, . . . . .	6,805	3,246	3,559	5,818	2,770	3,048	5,682	2,674	3,008
Rehoboth, . . . . .	2,228	1,177	1,051	2,001	-	-	1,991	1,047	944
REVERE, . . . . .	25,178	12,391	12,787	18,219	8,984	9,235	12,659	6,222	6,437
Richmond, . . . . .	564	315	249	650	-	-	601	328	273
Rochester, . . . . .	1,160	583	577	1,090	-	-	1,181	690	491
Rockland, . . . . .	7,074	3,450	3,624	6,928	3,438	3,490	6,287	3,127	3,160
Rockport, . . . . .	4,351	2,167	2,184	4,211	2,103	2,108	4,447	2,295	2,152
Rowe, . . . . .	424	239	185	456	-	-	533	316	217
Rowley, . . . . .	1,481	737	744	1,368	-	-	1,388	718	670
Royalston, . . . . .	862	456	406	792	-	-	903	472	431
Russell, . . . . .	1,104	567	537	965	-	-	1,053	614	439
Rutland, . . . . .	1,895	1,083	812	1,743	-	-	1,713	955	758
SALEM, <sup>2</sup> . . . . .	37,200	18,295	18,905	43,697	21,291	22,406	37,627	17,839	19,788
Salisbury, . . . . .	1,717	918	799	1,658	-	-	1,622	827	795
Sandisfield, . . . . .	564	301	263	566	-	-	657	340	317
Sandwich, . . . . .	1,500	745	755	1,688	-	-	1,433	653	780
Saugus, . . . . .	10,226	5,018	5,208	8,047	3,965	4,082	6,253	3,057	3,196
Savoy, . . . . .	524	276	248	503	-	-	549	290	259
Seituate, . . . . .	2,661	1,313	1,348	2,482	-	-	2,597	1,293	1,304
Seekonk, . . . . .	2,767	1,433	1,334	2,397	-	-	1,917	1,014	903
Sharon, . . . . .	2,468	1,175	1,293	2,310	-	-	2,085	961	1,124
Sheffield, . . . . .	1,862	967	895	1,817	-	-	1,782	928	854
Shelburne, . . . . .	1,484	694	790	1,498	-	-	1,515	714	801
Sherborn, . . . . .	1,696	654	1,042	1,428	-	-	1,379	587	792
Shirley, . . . . .	2,251	1,227	1,024	2,139	-	-	1,692	801	891
Shrewsbury, . . . . .	2,794	1,333	1,461	1,946	-	-	1,866	967	899
Shutesbury, . . . . .	292	152	140	267	-	-	374	193	181
Somerset, . . . . .	3,377	1,653	1,724	2,798	1,387	1,411	2,294	1,146	1,148
SOMERVILLE, . . . . .	86,854	40,982	45,872	77,236	36,628	40,608	69,272	32,758	36,514
Southampton, . . . . .	950	486	464	870	-	-	927	470	457
Southborough, . . . . .	1,898	913	985	1,745	-	-	1,931	1,029	902
Southbridge, . . . . .	14,217	7,341	6,876	12,592	6,484	6,108	11,000	5,450	5,550
South Hadley, . . . . .	5,179	2,464	2,715	4,894	2,332	2,562	5,054	2,140	2,914
Southwick, . . . . .	1,365	757	608	1,020	-	-	1,048	560	488
Spencer, . . . . .	5,994	2,910	3,084	6,740	3,306	3,434	7,121	3,562	3,559
SPRINGFIELD, . . . . .	102,971	49,791	53,180	88,926	43,221	45,705	73,540	35,338	38,202
Sterling, . . . . .	1,403	744	659	1,359	-	-	1,315	669	646
Stockbridge, . . . . .	1,901	918	983	1,933	-	-	2,022	941	1,081
Stoneham, . . . . .	7,489	3,592	3,897	7,090	3,471	3,619	6,332	3,035	3,297
Stoughton, . . . . .	6,982	3,449	3,533	6,316	3,099	3,217	5,959	2,896	3,063
Stow, . . . . .	1,127	563	564	1,115	-	-	1,027	508	519
Sturbridge, . . . . .	1,618	771	847	1,957	-	-	1,974	998	976
Sturbury, . . . . .	1,206	604	602	1,120	-	-	1,159	634	525
Sunderland, . . . . .	1,278	697	581	1,047	-	-	910	511	399
Sutton, . . . . .	2,829	1,491	1,338	3,078	1,692	1,386	3,173	1,625	1,548
Swampscott, . . . . .	7,345	3,494	3,851	6,204	2,998	3,206	5,141	2,436	2,705

<sup>1</sup> See note 1 on page 231.<sup>2</sup> Abnormal decrease between 1910 and 1915 due to conflagration of June 25, 1914.

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Table 69 CITIES AND TOWNS (Arranged alphabetically).	POPULATION OF MUNICIPALITIES BY SEX: 1915, 1910, AND 1905.								
	1915.			1910. <sup>1</sup>			1905.		
	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
Swansea, . . .	2,558	1,273	1,285	1,978	—	—	1,839	942	897
TAUNTON, . . .	36,161	17,604	18,557	34,259	16,722	17,537	30,967	15,045	15,922
Templeton, . . .	4,081	2,267	1,814	3,756	2,054	1,702	3,783	2,020	1,763
Tewksbury, . . .	5,265	2,994	2,271	3,750	2,003	1,747	4,415	2,336	2,079
Tisbury, . . .	1,324	640	684	1,196	—	—	1,120	532	588
Tolland, . . .	199	114	85	180	—	—	274	159	115
Topsfield, . . .	1,173	607	566	1,174	—	—	1,095	623	472
Townsend, . . .	1,812	904	908	1,761	—	—	1,772	893	879
Truro, . . .	663	333	330	655	—	—	743	366	377
Tyngsborough, . . .	967	493	474	829	—	—	768	402	366
Tyringham, . . .	327	177	150	382	—	—	314	167	147
Upton, . . .	2,036	938	1,098	2,071	—	—	2,024	945	1,079
Uxbridge, . . .	4,921	2,445	2,476	4,671	2,391	2,280	3,881	1,900	1,981
Wakefield, . . .	12,781	6,182	6,599	11,404	5,448	5,956	10,268	4,845	5,423
Wales, . . .	337	172	165	345	—	—	645	340	305
Walpole, . . .	5,490	2,824	2,666	4,892	2,586	2,306	4,003	2,021	1,982
WALTHAM, . . .	30,154	14,351	15,803	27,834	12,949	14,885	26,282	12,019	14,263
Ware, . . .	9,346	4,455	4,891	8,774	4,108	4,666	8,594	3,976	4,618
Wareham, . . .	5,176	2,693	2,483	4,102	2,123	1,979	3,660	1,999	1,761
Warren, . . .	4,268	2,158	2,110	4,188	2,028	2,160	4,300	2,086	2,214
Warwick, . . .	477	259	218	477	—	—	527	264	263
Washington, . . .	275	157	118	277	—	—	339	190	149
Watertown, . . .	16,515	8,114	8,401	12,875	6,341	6,534	11,258	5,547	5,711
Wayland, . . .	2,033	968	1,065	2,206	—	—	2,220	1,137	1,083
Webster, . . .	12,565	6,235	6,330	11,509	5,761	5,748	10,018	4,909	5,109
Wellesley, . . .	6,439	2,705	3,734	5,413	2,306	3,107	6,189	2,086	4,103
Wellfleet, . . .	936	471	465	1,022	—	—	958	470	488
Wendell, . . .	388	207	181	502	—	—	480	263	217
Wenham, . . .	1,068	517	551	1,010	—	—	924	453	471
Westborough, . . .	5,925	2,915	3,010	5,446	2,608	2,838	5,378	2,606	2,772
West Boylston, . . .	1,318	691	627	1,270	—	—	1,571	925	646
West Bridge- water, . . .	2,741	1,374	1,367	2,231	—	—	2,006	965	1,041
West Brookfield, . . .	1,288	590	698	1,327	—	—	1,384	642	742
Westfield, . . .	18,411	9,401	9,010	16,044	8,268	7,776	13,611	6,826	6,785
Westford, . . .	2,843	1,392	1,451	2,851	1,417	1,434	2,413	1,190	1,223
Westhampton, . . .	430	231	199	423	—	—	466	255	211
Westminster, . . .	1,594	847	747	1,353	—	—	1,348	676	672
West Newbury, . . .	1,529	749	780	1,473	—	—	1,405	704	701
Weston, . . .	2,342	1,101	1,241	2,106	—	—	2,091	1,007	1,084
Westport, . . .	3,262	1,663	1,599	2,928	1,480	1,448	2,867	1,442	1,425
West Springfield, . . .	11,339	5,601	5,738	9,224	4,599	4,625	8,101	3,984	4,117
West Stockbridge, . . .	1,277	670	607	1,271	—	—	1,023	527	496
West Tisbury, . . .	441	219	222	437	—	—	457	216	241
Westwood, . . .	1,448	706	742	1,266	—	—	1,136	557	579
Weymouth, . . .	13,969	6,825	7,144	12,895	6,324	6,571	11,585	5,625	5,960
Whately, . . .	1,118	608	510	846	—	—	822	454	368
Whitman, . . .	7,520	3,663	3,857	7,292	3,580	3,712	6,521	3,215	3,306
Wilbraham, . . .	2,521	1,220	1,301	2,332	—	—	1,708	820	888
Williamsburg, . . .	2,118	1,089	1,029	2,132	—	—	1,943	962	981
Williamstown, . . .	3,981	1,926	2,055	3,708	1,764	1,944	4,425	2,375	2,050
Wilmington, . . .	2,330	1,144	1,186	1,858	—	—	1,670	822	848
Winchendon, . . .	5,908	3,034	2,874	5,678	2,918	2,760	5,933	3,033	2,900
Winchester, . . .	10,005	4,555	5,440	9,309	4,363	4,946	8,242	3,829	4,413
Windsor, . . .	375	200	175	404	—	—	513	276	237
Winthrop, . . .	12,758	6,063	6,695	10,132	4,865	5,267	7,034	3,335	3,699
WOBURN, . . .	16,410	8,316	8,094	15,308	7,753	7,555	14,402	7,089	7,313
WORCESTER, . . .	162,697	80,338	82,359	145,986	73,424	72,562	128,135	63,642	64,493
Worthington, . . .	618	341	277	569	—	—	614	318	296
Wrentham, . . .	2,414	1,138	1,276	1,743	—	—	1,428	681	747
Yarmouth, . . .	1,415	692	723	1,420	—	—	1,422	655	767

<sup>1</sup> See note 1 on page 231.



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# APPENDIX

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## INTERNATIONAL CLASSIFICATION OF CAUSES OF DEATH

1. DETAILED INTERNATIONAL LIST
  2. ABRIDGED INTERNATIONAL LIST
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## APPENDIX.

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### INTERNATIONAL CLASSIFICATION OF CAUSES OF DEATH.<sup>1</sup>

There are two separate and distinct classifications of causes of death embodied in the International List of Causes of Death: these are the detailed and abridged International Lists. The former, as indicated by its name, presents causes of death in greater detail than does the latter; that is, it shows separately certain diseases which in the abridged list are grouped together for presentation. The majority of the titles of the abridged list are therefore consolidations of certain titles of the detailed list. The shorter list is used as a basis for certain tables in this volume for which it is either unnecessary or impracticable to present data for each disease and cause of death shown in the detailed list.

The distinction between these lists should always be considered when using the tables of these reports. There are several cases in which the title headings in the two lists are identical, but the causes included are widely at variance. As an example of this the title "Other epidemic diseases" of the detailed list (title No. 19) includes only such epidemic maladies as are not classified separately in titles 1 to 18 of that list; but "Other epidemic diseases" of the abridged list includes titles 3, 11, 14, 15, 16, 17, 18, and 19 of the detailed list. These identical expressions, it will be noted, have two different and distinct meanings. In the abridged list "Tuberculosis of the lungs" (title No. 13) includes not only tuberculosis of the lungs of the detailed list (title No. 28) but also acute miliary tuberculosis (title No. 29).

An asterisk (\*) denotes that, in the opinion of the committee appointed by the Section on Vital Statistics of the American Public Health Association, the titles are acceptable statements of causes of death without autopsy.

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<sup>1</sup> This second decennial revision of the International Classification of Causes of Death made at Paris July 1 to 3, 1909, was designed for use during the present decade. The next revision will be made in 1920 for use in the twenties. The causes of death as given in the second revision number 189, compared with 179 in the first classification.

The following table shows each title of the Detailed International List:—

### 1. DETAILED INTERNATIONAL LIST.

I. GENERAL DISEASES.	I. GENERAL DISEASES — <i>Con.</i>
1. Typhoid fever.* 2. Typhus fever.* 3. Relapsing fever. <sup>1</sup> 4. Malaria. <sup>2</sup> 5. Smallpox.* 6. Measles.* 7. Scarlet fever.* 8. Whooping cough.* 9. Diphtheria and croup.* 10. Influenza. 11. Miliary fever. 12. Asiatic cholera.* 13. Cholera nostras. 14. Dysentery. <sup>3</sup> 15. Plague.* 16. Yellow fever.* 17. Leprosy.* 18. Erysipelas.* 19. Other epidemic diseases. 20. Purulent infection and septicemia. <sup>4</sup> 21. Glanders. <sup>5</sup>	22. Anthrax. <sup>6</sup> 23. Rabies. <sup>7</sup> 24. Tetanus. <sup>8</sup> 25. Mycoses. <sup>9</sup> 26. Pellagra.* 27. Beriberi.* 28. Tuberculosis of the lungs.* 29. Acute miliary tuberculosis. <sup>10</sup> 30. Tuberculous meningitis. <sup>11</sup> 31. Abdominal tuberculosis. <sup>12</sup> 32. Pott's disease.* 33. White swellings.* 34. Tuberculosis of other organs. <sup>13</sup> 35. Disseminated tuberculosis.* 36. Rickets.* 37. Syphilis. <sup>14</sup> 38. Gonococcus infection. <sup>15</sup> 39. Cancer of the buccal cavity.* 40. Cancer of the stomach, liver. <sup>16</sup> 41. Cancer of the peritoneum, intestines, rectum. <sup>16</sup>

<sup>1</sup> This statement is a reliable one, without autopsy, only when the statement of the cause of death is accompanied or supported by a record of the finding of the etiological factor; that is, the *spirillum (spirochaeta) obermeieri*, before death.

<sup>2</sup> Not a reliable statement of cause of death without the supporting statement that the etiological factor, the *plasmodium malariae*, was found in the blood before death or at autopsy.

<sup>3</sup> Not a reliable statement of cause of death unless the specific cause of infection has been identified.

<sup>4</sup> A reliable statement of cause of death if there is an accompanying statement of the site and nature of the original infection.

<sup>5</sup> Not a reliable statement of cause of death, without autopsy, unless there is an accompanying record of the finding of the etiological factor; *i.e.*, the *bacillus mallei*.

<sup>6</sup> Not a reliable statement of cause of death, without autopsy, or without determination of the etiological factor; *i.e.*, the *bacillus anthracis*.

<sup>7</sup> Not a reliable statement of cause of death unless verified by autopsy, or proof that the infecting bite was by a proved rabid animal.

<sup>8</sup> A reliable statement of cause of death, without autopsy, when it is accompanied by information as to date, site, nature, and means of injury.

<sup>9</sup> A reliable statement of cause of death, without autopsy, *only* when lesion is accessible to direct examination, or the etiological factor has been identified in the discharges before death.

<sup>10</sup> Not a reliable statement of cause of death, without autopsy, unless tubercles have been found in some accessible part of the body (*e.g.*, the retina) during life.

<sup>11</sup> A reliable statement of cause of death, without autopsy, for children under 10 years of age, but not for decedents of older groups, unless there is confirmatory bacteriological proof of the presence of the tubercle bacillus in the spinal fluid.

<sup>12</sup> An unreliable statement of cause of death, without autopsy, unless proof of an abdominal operation or recovery of tubercle bacillus from the abdominal fluid is presented.

<sup>13</sup> Statements of cause of death which relate to organs or parts of the body which are accessible to direct vision are reliable without autopsy.

<sup>14</sup> Not reliable as a statement of cause of death, without autopsy, unless diagnosis was based on lesions superficially situated or visible through body orifices, or confirmed by unquestioned specific test. A statement of the site, extent, and character of the lesion should be given.

<sup>15</sup> An unreliable statement of cause of death, without autopsy, unless a gonococcal lesion has been demonstrated by the recovery of the gonococcus from the site of the lesion, or by a specific serum reaction, and unless the lesion was an adequate cause of death.

<sup>16</sup> An unreliable statement of cause of death, without autopsy, unless an operation was performed or the neoplasm was otherwise visible or accessible for direct observation.

1. DETAILED INTERNATIONAL LIST — *Continued.*I. GENERAL DISEASES — *Con.*

42. Cancer of the female genital organs.<sup>1</sup>
43. Cancer of the breast.\*
44. Cancer of the skin.\*
45. Cancer of other organs or of organs not specified.<sup>1</sup>
46. Other tumors (tumors of the female genital organs excepted).<sup>2</sup>
47. Acute articular rheumatism.\*
48. Chronic rheumatism and gout.
49. Scurvy.\*
50. Diabetes.\*
51. Exophthalmic goiter.
52. Addison's disease.\*
53. Leukemia.<sup>3</sup>
54. Anemia, chlorosis.<sup>2</sup>
55. Other general diseases.
56. Alcoholism (acute or chronic).\*
57. Chronic lead poisoning.<sup>4</sup>
58. Other chronic occupation poisonings.<sup>5</sup>
59. Other chronic poisonings.<sup>6</sup>

## II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.

60. Encephalitis.
61. Meningitis.
  - (a) Simple meningitis.
  - (b) Cerebrospinal meningitis (undefined).
  - (c) Cerebrospinal fever.
62. Locomotor ataxia.\*
63. Other diseases of the spinal cord.
  - (a) Acute anterior poliomyelitis.\*
  - (b) Other diseases of the spinal cord.
64. Cerebral hemorrhage, apoplexy.\*
65. Softening of the brain.
66. Paralysis without specified cause.
67. General paralysis of the insane.\*
68. Other forms of mental alienation.

II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE — *Con.*

69. Epilepsy.<sup>7</sup>
70. Convulsions (nonpuerperal).
71. Convulsions of infants.
72. Chorea.\*
73. Neuralgia and neuritis.
74. Other diseases of the nervous system.
75. Diseases of the eyes and their adnexa.\*
76. Diseases of the ears.\*

## III. DISEASES OF THE CIRCULATORY SYSTEM.

77. Pericarditis.<sup>8</sup>
78. Acute endocarditis.\*
79. Organic diseases of the heart.\*
80. Angina pectoris.\*
81. Diseases of the arteries, atheroma, aneurism, etc.
82. Embolism and thrombosis.\*
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.).<sup>9</sup>
84. Diseases of the lymphatic system (lymphangitis, etc.).\*
85. Hemorrhage; other diseases of the circulatory system.\*

## IV. DISEASES OF THE RESPIRATORY SYSTEM.

86. Diseases of the nasal fossæ.\*
87. Diseases of the larynx.\*
88. Diseases of the thyroid body.\*
89. Acute bronchitis.
90. Chronic bronchitis.\*
91. Broncho pneumonia.\*
92. Pneumonia.
  - (a) Lobar pneumonia.
  - (b) Pneumonia (undefined).
93. Pleurisy.\*

<sup>1</sup> An unreliable statement of cause of death, without autopsy, unless an operation was performed or the neoplasm was otherwise visible or accessible for direct observation.

<sup>2</sup> An unreliable statement of cause of death, without autopsy, unless an operation was performed.

<sup>3</sup> Not a reliable statement of cause of death unless verified by confirmatory blood examination.

<sup>4</sup> A reliable statement of cause of death, without autopsy, if there appears a statement of an occupation in which decedent would be subject to lead poisoning, or if the source of the poisoning is specified and complications accompanying, sufficient to cause death, are described.

<sup>5</sup> A reliable statement of cause of death, without autopsy, *only* in cases where the occupation or source of poison is specified and it is indicated that the poison was absorbed as a result of occupation; or the characteristic lesions are superficially located or accessible to direct inspection; or there is chemical or microscopic proof of the presence of poison within the body.

<sup>6</sup> A reliable statement of cause of death, without autopsy, *only* when the source of the poison is specified, or when there is chemical or microscopic proof of the presence of the poison within the body.

<sup>7</sup> An unreliable statement of cause of death, without autopsy, unless death occurred in an epileptic attack and was witnessed, and there was a previous history of epilepsy.

<sup>8</sup> An unreliable statement of cause of death, without autopsy, unless accompanied by a statement of primary cause or of the character of exudate obtained by paracentesis.

<sup>9</sup> A reliable statement of cause of death, without autopsy, if there is an accompanying statement of the site of the lesion or name of the vessel or vessels involved.

1. DETAILED INTERNATIONAL LIST — *Continued.*IV. DISEASES OF THE RESPIRATORY SYSTEM  
— *Con.*

- 94. Pulmonary congestion, pulmonary apoplexy.<sup>1</sup>
- 95. Gangrene of the lung.\*
- 96. Asthma.
- 97. Pulmonary emphysema.\*
- 98. Other diseases of the respiratory system (tuberculosis excepted).

## V. DISEASES OF THE DIGESTIVE SYSTEM.

- 99. Diseases of the mouth and adnexa.\*
- 100. Diseases of the pharynx.\*
- 101. Diseases of the esophagus.\*
- 102. Ulcer of the stomach.
- 103. Other diseases of the stomach (cancer excepted).
- 104. Diarrhea and enteritis (under 2 years).\*
- 105. Diarrhea and enteritis (2 years and over).
- 106. Ankylostomiasis.<sup>2</sup>
- 107. Intestinal parasites.<sup>3</sup>
- 108. Appendicitis and typhlitis.
- 109. Hernia and intestinal obstruction.
  - (a) Hernia.<sup>4</sup>
  - (b) Intestinal obstruction.<sup>5</sup>
- 110. Other diseases of the intestines.
- 111. Acute yellow atrophy of the liver.\*
- 112. Hydatid tumor of the liver.
- 113. Cirrhosis of the liver.\*
- 114. Biliary calculi.\*
- 115. Other diseases of the liver.
- 116. Diseases of the spleen.
- 117. Simple peritonitis (nonpuerperal).
- 118. Other diseases of the digestive system (cancer and tuberculosis excepted).

VI. NONVENEREAL DISEASES OF THE GENITO-  
URINARY SYSTEM AND ADNEXA.

- 119. Acute nephritis.
- 120. Bright's disease.\*
- 121. Chyluria.\*
- 122. Other diseases of the kidneys and adnexa.
- 123. Calculi of the urinary passages.\*

VI. NONVENEREAL DISEASES OF THE GENITO-  
URINARY SYSTEM AND ADNEXA — *Con.*

- 124. Diseases of the bladder.\*
- 125. Diseases of the urethra, urinary abscess, etc.\*
- 126. Diseases of the prostate.\*
- 127. Nonvenereal diseases of the male genital organs.\*
- 128. Uterine hemorrhage (nonpuerperal).
- 129. Uterine tumor (noncancerous).\*
- 130. Other diseases of the uterus.\*
- 131. Cysts and other tumors of the ovary.
- 132. Salpingitis and other diseases of the female genital organs.
- 133. Nonpuerperal diseases of the breast (cancer excepted).\*

## VII. THE PUERPERAL STATE.\*

- 134. Accidents of pregnancy.\*
- 135. Puerperal hemorrhage.\*
- 136. Other accidents of labor.\*
- 137. Puerperal septicemia.\*
- 138. Puerperal albuminuria and convulsions.\*
- 139. Puerperal phlegmasia alba dolens, embolus, sudden death.\*
- 140. Following childbirth (not otherwise defined).\*
- 141. Puerperal diseases of the breast.\*

VIII. DISEASES OF THE SKIN AND OF THE CEL-  
LULAR TISSUE.

- 142. Gangrene.<sup>6</sup>
- 143. Furuncle.<sup>6</sup>
- 144. Acute abscess.<sup>6</sup>
- 145. Other diseases of the skin and adnexa.\*

IX. DISEASES OF THE BONES AND OF THE  
ORGANS OF LOCOMOTION.

- 146. Diseases of the bones (tuberculosis excepted).\*
- 147. Diseases of the joints (tuberculosis and rheumatism excepted).\*
- 148. Amputations.
- 149. Other diseases of the organs of locomotion.

<sup>1</sup> Pulmonary congestion is considered a reliable statement of cause of death, without autopsy, only when the cause is specified; as, for example, *accidental inhalation of irritating fumes*, or accompanying lesions which are known to lead to congestion of the lungs.

<sup>2</sup> A reliable statement of cause of death, without autopsy, *provided* the infectious parasite *ankylostoma duodenale* or its ova have been demonstrated.

<sup>3</sup> A reliable statement of cause of death, without autopsy, *only* with the demonstration of the parasite or its ova in the tissues or discharges.

<sup>4</sup> A reliable statement of cause of death if the hernia is external, or is exposed on operation or autopsy, when internal; also, when conditions adequate to cause of death, together with type and location of hernia, are specified.

<sup>5</sup> An unreliable statement of cause of death unless the obstruction is demonstrated on autopsy, or operation, or is accessible by examination through the body orifices.

<sup>6</sup> A reliable statement of cause of death, without autopsy, *if* there is an accompanying statement of the site and nature of the original infection.



1. DETAILED INTERNATIONAL LIST — *Concluded.*

## X. MALFORMATIONS.\*

150. Congenital malformations (stillbirths not included).\*
- (a) Hydrocephalus.\*
  - (b) Congenital malformations of the heart.\*
  - (c) Other congenital malformations.\*

## XI. EARLY INFANCY.

151. Congenital debility, icterus and sclerema.
- (a) Premature birth.\*
  - (b) Congenital debility, "atrophy," "marasmus," etc.
152. Other causes peculiar to early infancy.
- (a) Injuries at birth.\*
  - (b) Other causes peculiar to early infancy.
153. Lack of care.\*

## XII. OLD AGE.

154. Senility.

## XIII. EXTERNAL CAUSES.

155. Suicide by poison.<sup>1</sup>
156. Suicide by asphyxia.<sup>2</sup>
157. Suicide by hanging or strangulation.\*
158. Suicide by drowning.\*
159. Suicide by firearms.\*
160. Suicide by cutting or piercing instruments.\*
161. Suicide by jumping from high places.\*
162. Suicide by crushing.\*
163. Other suicides.\*
164. Poisoning by food.<sup>3</sup>
165. Other acute poisonings.
166. Conflagration.\*
167. Burns (conflagration excepted).\*

XIII. EXTERNAL CAUSES — *Con.*

168. Absorption of deleterious gases (conflagration excepted).\*
169. Accidental drowning.\*
170. Traumatism by firearms.<sup>4</sup>
171. Traumatism by cutting or piercing instruments.<sup>4</sup>
172. Traumatism by fall.\*
173. Traumatism in mines and quarries.\*
- (a) Traumatism in mines.\*
  - (b) Traumatism in quarries.\*
174. Traumatism by machines.\*
175. Traumatism by other crushing.\*
- (a) Railroad accidents and injuries.\*
  - (b) Street-car accidents and injuries.\*
  - (c) Automobile accidents and injuries.\*
  - (d) Injuries by other vehicles.\*
  - (e) Landslide and other crushing.\*
176. Injuries by animals.\*
177. Starvation.\*
178. Excessive cold.\*
179. Effects of heat.\*
180. Lightning.\*
181. Electricity (lightning excepted).\*
182. Homicide by firearms.\*
183. Homicide by cutting or piercing instruments.\*
184. Homicide by other means.\*
185. Fractures (cause not specified).
186. Other external violence.

## XIV. ILL-DEFINED DISEASES.

187. Ill-defined organic disease.
188. Sudden death.
189. Not specified or ill-defined.
- (a) Ill-defined.
  - (b) Not specified or unknown.

<sup>1</sup> A reliable statement of cause of death, without autopsy, if the character of the solid or liquid is specified.

<sup>2</sup> A reliable statement of cause of death, without autopsy, if the character of the gas is specified.

<sup>3</sup> An unreliable statement of cause of death without supporting data as to a group of accompanying cases or the ingestion of the particular poisonous substances.

<sup>4</sup> An unreliable statement of cause of death without supporting data, such as site and extent of injury.

## 2. ABRIDGED INTERNATIONAL LIST.

The following table shows each title of the Abridged International List. The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

Abridged  
Int. List  
Number

CAUSE OF DEATH.

1. Typhoid fever (1).\*
2. Typhus fever (2).\*
3. Malaria (4).
4. Smallpox (5).\*
5. Measles (6).\*
6. Scarlet fever (7).\*
7. Whooping cough (8).\*
8. Diphtheria and croup (9).\*
9. Influenza (10).
10. Asiatic cholera (12).\*
11. Cholera nostras (13).
12. Other epidemic diseases (3, 11, 14, 15, 16, 17, 18, 19).
13. Tuberculosis of the lungs (28, 29).
14. Tuberculous meningitis (30).
15. Other forms of tuberculosis (31, 32, 33, 34, 35).
16. Cancer and other malignant tumors (39, 40, 41, 42, 43, 44, 45).
17. Simple meningitis (61).
18. Cerebral hemorrhage and softening (64, 65).
19. Organic diseases of the heart (79).\*
20. Acute bronchitis (89).
21. Chronic bronchitis (90).\*
22. Pneumonia (92).
23. Other diseases of the respiratory system (tuberculosis excepted) (86, 87, 88, 91, 93, 94, 95, 96, 97, 98).
24. Diseases of the stomach (cancer excepted) (102, 103).
25. Diarrhea and enteritis (under 2 years) (104).\*
26. Appendicitis and typhlitis (108).
27. Hernia, intestinal obstruction (109).
28. Cirrhosis of the liver (113).\*
29. Acute nephritis and Bright's disease (119, 120).
30. Noncancerous tumors and other diseases of the female genital organs (128, 129, 130, 131, 132).
31. Puerperal septicemia (puerperal fever, peritonitis) (137).\*
32. Other puerperal accidents of pregnancy and labor (134, 135, 136, 138, 139, 140, 141).\*
33. Congenital debility and malformations (150, 151).
34. Senility (154).
35. Violent deaths (suicide excepted) (164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186).
36. Suicide (155, 156, 157, 158, 159, 160, 161, 162, 163).\*
37. Other diseases (20, 21, 22, 23, 24, 25, 26, 27, 36, 37, 38, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 62, 63, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 80, 81, 82, 83, 84, 85, 99, 100, 101, 105, 106, 107, 110, 111, 112, 114, 115, 116, 117, 118, 121, 122, 123, 124, 125, 126, 127, 133, 142, 143, 144, 145, 146, 147, 148, 149, 152, 153).
38. Unknown or ill-defined diseases (187, 188, 189).













